

**WEAVER**

**BOOS**

**CONSULTANTS**

**NORTH CENTRAL, LLC**

**GEO-ENVIRONMENTAL ENGINEERS  
AND SCIENTISTS**

May 16, 2006  
Project No. 1894-300-03

Mark D. Erzen, Esq.  
Karaganis, White & Magel Ltd.  
414 North Orleans Street  
Suite 810  
Chicago, Illinois

Re: **Former Wastewater Treatment Lagoons Site Assessment**  
**Downers Grove Sanitary District**  
**2710 Curtiss Street**  
**Downers Grove, Illinois**

Dear Mr. Erzen:

**Weaver Boos Consultants North Central, LLC** (Weaver Boos) prepared this letter to briefly summarize our site assessment concerning the property commonly known as the former wastewater treatment lagoons located on the Downers Grove Sanitary District (DGSD) facility at 2710 Curtiss Street within the Ellsworth Industrial Park in Downers Grove, Illinois (DGSD Property) (see **Figure 1**, attached).

The DGSD Property currently consists of a wooded area located on the north and west sides of the DGSD Property, two former wastewater treatment lagoons previously operated by DGSD, and asphalt-paved areas used by the Village of Downers Grove to store landscaping debris, mulch, and yard waste. Nine groundwater monitoring wells located on the east, west and northwest sides of the former lagoons were installed during prior environmental investigations in 2002 and 2003. Based on our field measurements, the nine monitoring wells range in depths of approximately 33 to 82 feet below ground surface (bgs). St. Joseph Creek lies along the northern boundary with the main DGSD wastewater treatment plant located on the north side of the creek.

Based on historical aerial photographs, the wastewater treatment plant included at least two lagoons located south of St. Joseph Creek, which appeared to have been constructed sometime between 1961 and 1963. Weaver Boos understands that the use of one of the two the former wastewater treatment lagoons was discontinued in the late 1980s and the second was

discontinued in the 1990s. Additionally, prior environmental investigations indicated that the lagoons are potentially unlined and were used for dewatering and storage of sludge from the DGSD wastewater treatment plant.

The prior environmental investigations also identified the lagoons as a potential source of contamination due to surficial drainage into the lagoons from areas within the Ellsworth Industrial Park. The prior environmental investigations identified certain solvent compounds in groundwater samples collected from the perimeter of the lagoons at depths of 47 to 57 feet bgs. The prior environmental investigations of the DGSD Property appear to have insufficiently investigated the entire DGSD Property, namely the soil and shallow groundwater (generally at depths less than 40 feet bgs) in the lagoons and on the north and south sides of the lagoons.

Based on the historical documentation, Weaver Boos completed our site assessment consisting of soil and groundwater sampling in an effort to assess the potential environmental impact the historical use has had on the DGSD Property. The following sections briefly summarize our environmental site assessment activities.

### ***Soil Sampling Methodology and Observations***

On April 3 and 4, 2006, Weaver Boos advanced four soil probes (WBS-1 through WBS-4) to depths ranging from 25 to 29 feet below ground surface (bgs) in the two former wastewater treatment lagoons (see **Figure 2**, attached). We completed the four soil probes in an effort to assess the condition of soil (generally greater than 10 feet bgs) and shallow groundwater that was not evaluated during prior environmental investigations. Weaver Boos advanced the four soil probes using a track-mounted Geoprobe®.

On April 6 and 7, 2006, Weaver Boos advanced two soil borings to depths of 49 and 54 feet bgs on the north and south sides of the former lagoons (see **Figure 2**, attached) in an effort to assess the condition of the soil at various depths and to evaluate the condition of both the shallow and intermediate groundwater (generally greater than 40 feet bgs and less than 60 feet bgs) depths that were not assessed during prior environmental investigations. Weaver Boos advanced the soil borings using a truck-mounted drill rig equipped with hollow-stem augers.

A summary of the GPS-surveyed probe and boring locations is included in **Attachment A**. Photographs documenting our field activities are included in **Attachment B**.

Upon retrieval of soil samples, Weaver Boos visually classified and logged the soil samples collected from the drilling activities, and a split sample was placed in a separate sample container for organic vapor screening using a calibrated photoionization detector (PID) equipped with an 11.7 electron-volt lamp. The PID provides a qualitative field measurement of organic constituents contained in the sample. **Attachment C** contains the soil logs, which includes the PID readings, for each of the Weaver Boos soil probes and borings. Copies of Weaver Boos' field notes and field logs are included in **Attachment D**.

Based on our observations, the soil in the area of the former lagoons generally consists of organic soil and sand and gravel fill within three feet of the surface overlying silty clay and clay soil with interspersed sand and gravel layers approximately 1 to 17 feet thick. During our drilling activities, Weaver Boos observed no apparent chemical odors or staining on the DGSD Property.

Since prior environmental investigations identified no detectable solvent-type compounds in the entire soil profile in the lagoons to a depth of nine feet bgs, Weaver Boos selected as many as two representative soil samples<sup>1</sup> from each probe or boring at depths greater than nine feet bgs in the lagoon. We collected three representative soil samples from soil boring WBW-1 in an effort to assess the condition of the various soil types encountered.

Weaver Boos collected the soil samples following USEPA<sup>2</sup> Method 5035 sampling protocol. We placed the selected soil samples into preserved laboratory-supplied sample containers, placed the selected soil samples in a cooler packed with ice in an effort to maintain a constant temperature near 4°C, and submitted the samples to a qualified laboratory for volatile organic compounds (VOC) analysis. Upon completion of the soil probes, Weaver Boos abandoned the soil probe borehole by backfilling each probe with granular bentonite to form an expanding low-permeability seal.

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<sup>1</sup> Typically one sample from each soil probe or boring that exhibited the greatest apparent degree of stains, odors, or elevated organic vapor reading as measured with a photoionization detector (PID). However, due to the lack of significant PID readings in the soil probes and borings, Weaver Boos selected the soil sample from each soil probe or boring that would potentially exhibit an impact based on the soil type and location within the soil profile (e.g., coarser-grained soil or at the depth of a confining layer that could potentially impede the migration of solvent compounds).

<sup>2</sup> United States Environmental Protection Agency

### ***Groundwater Sampling Methodology and Observations***

Weaver Boos encountered shallow groundwater in two of the four soil probes completed in the former lagoons. Specifically, we encountered groundwater in soil probes WBS-1 and WBS-2 in the silty clay and clay soil at depths of 20 and 19 feet bgs, respectively. We also encountered shallow groundwater in soil borings WBW-1 and WBW-2 advanced on the north and south sides of the former lagoons in silty clay and sandy soil at depths of 27 and 39 feet bgs, respectively.

On April 3 and 4, 2006, Weaver Boos converted the two soil probes to temporary monitoring wells and collected two shallow groundwater samples from the former lagoons. Weaver Boos collected the shallow groundwater screening samples using one-inch diameter polyvinyl chloride (PVC) and a ten-foot section of 0.01-inch slotted screen. After collecting the shallow water samples from the former lagoon, Weaver Boos abandoned the temporary monitoring wells by removing the PVC screen and riser and backfilling each probe with granular bentonite to form an expanding low-permeability seal with the hydrated granular bentonite.

On April 6 and 7, 2006, Weaver Boos collected shallow groundwater samples while drilling soil borings WBW-1 and WBW-2. As soon as the shallow groundwater was encountered during drilling activities, Weaver Boos collected the shallow groundwater screening samples using one-inch diameter PVC and a ten-foot section of 0.01-inch slotted screen prior to advancing the soil boring to its final depth.

After collecting the shallow groundwater samples, Weaver Boos continued the soil borings to the depth of bedrock and converted soil borings WBW-1 and WBW-2 to monitoring wells. We constructed the monitoring wells using 2-inch diameter, 10-foot long, 0.010-inch slot PVC screen with a PVC riser. Weaver Boos sand-packed the well screen with commercially available coarse sand material specifically produced for environmental well installations. We filled the annulus (borehole space from the surface of sand to the ground surface) with bentonite grout underlying bentonite chips and sand and installed a flush-mounted protective steel cover for wellhead protection. The monitoring well construction logs in **Attachment E** graphically depict the well construction.

On April 4, 13, and 17, 2006, Weaver Boos sampled the existing and newly installed monitoring wells, which are screened in various groundwater zones. The two monitoring wells installed by Weaver Boos are screened in the intermediate groundwater zone depth. Based on prior environmental investigations, at least six of the nine previously installed monitoring wells are

screened at the depth of the intermediate groundwater zone. One of the nine previously installed groundwater monitoring wells (BD-4(D)) is screened in the deep groundwater zone (generally greater than 60 feet). The remaining two previously installed monitoring wells (DG-1(I) and DG-1(D)), appear to be screened in the shallow and intermediate groundwater zones, respectively, rather than the intermediate and deep zones as indicated in their monitoring well identification.

Prior to sample collection, the monitoring wells were surveyed to an arbitrary 100-foot datum, gauged, developed (WBW-1 and WBW-2 only), allowed to equilibrate at least 48 hours (WBW-1 and WBW-2 only), then purged at least three well volumes of water. A summary of the groundwater elevations is included in **Attachment F**.

Weaver Boos collected the water samples from the temporary and permanent monitoring wells using a low-flow pump and polyethylene tubing with the exception of DG-2(I), DG-3(I), and BD-4(D), which were sampled using a disposable bailer. Weaver Boos also collected two equipment blank water samples by running distilled water through the polyethylene tubing and low-flow pump and the disposable bailer prior to sampling. Weaver Boos placed the water samples into preserved, laboratory-supplied sample containers, placed the samples in a cooler packed with ice in an effort to maintain a constant temperature near 4°C, and submitted the samples to a qualified laboratory for VOC analysis.

### ***Laboratory Analytical Summary***

Weaver Boos submitted the selected soil and water samples (13 soil samples and 19 water samples<sup>3</sup>) to STAT Analysis Corporation (STAT) of Chicago, Illinois for analysis using standard chain-of-custody documentation and handling procedures. STAT analyzed the selected soil and water samples for VOCs using USEPA Method 5035/8260B (soil) and USEPA Method 8260B (water) as outlined in *USEPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition*.

The laboratory analyses detected one VOC, namely toluene, in the soil sample collected from soil boring WBW-1, which is not in excess of the TACO Tier 1 soil remediation objective (see **Figure 3**). The laboratory analyses also detected various VOCs<sup>4</sup> in 3 of the 19 water samples analyzed, namely shallow groundwater samples collected from WBS-2 and WBW-2 and

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<sup>3</sup> The water samples included two equipment blank samples and two trip blank samples.

<sup>4</sup> Detected VOCs included acetone; 1,1-dichloroethane (1,1 DCA); cis-1,2-dichloroethene (cis 1,2 DCE); trichloroethene (TCE); and vinyl chloride

intermediate groundwater collected from DG-3(I). Of the detected VOCs, the shallow groundwater sample collected from soil boring WBW-2 exhibited an elevated concentration of TCE and the intermediate groundwater sample collected from DG-3(I) exhibited elevated concentrations of 1,1 DCA and vinyl chloride in excess of the TACO Tier 1 Class I groundwater remediation objective (see **Figure 4**, attached). **Tables 1** and **2**, attached, summarize the soil and groundwater results. Copies of the laboratory analytical reports are included in **Attachment G**.

### ***Summary of Findings***

Weaver Boos completed four soil probes and two soil borings on the DGSD Property and selected a total of 13 soil samples and 19 water samples for VOC analyses. Weaver Boos observed no apparent chemical odors or staining in the soil probes and borings advanced on the DGPS Property. The laboratory analyses detected one VOC, namely toluene, in 1 of the 13 soil samples analyzed which are not in excess of the TACO Tier 1 soil remediation objectives. Additionally, the laboratory analyses detected various VOCs in 3 of the 19 water samples analyzed, namely shallow groundwater samples collected from WBS-2 and WBW-2 and intermediate groundwater collected from DG-3(I). Of the detected VOCs, the shallow groundwater sample collected from soil boring WBW-2 exhibited an elevated concentration of TCE and the intermediate groundwater sample collected from DG-3(I) exhibited elevated concentrations of 1,1 DCA and vinyl chloride in excess of the TACO Tier 1 Class I groundwater remediation objective.

We trust that this information will be sufficient for your needs. If you have any questions, comments, or require any additional information, please do not hesitate to contact us.

Sincerely,

**Weaver Boos Consultants North Central, LLC**

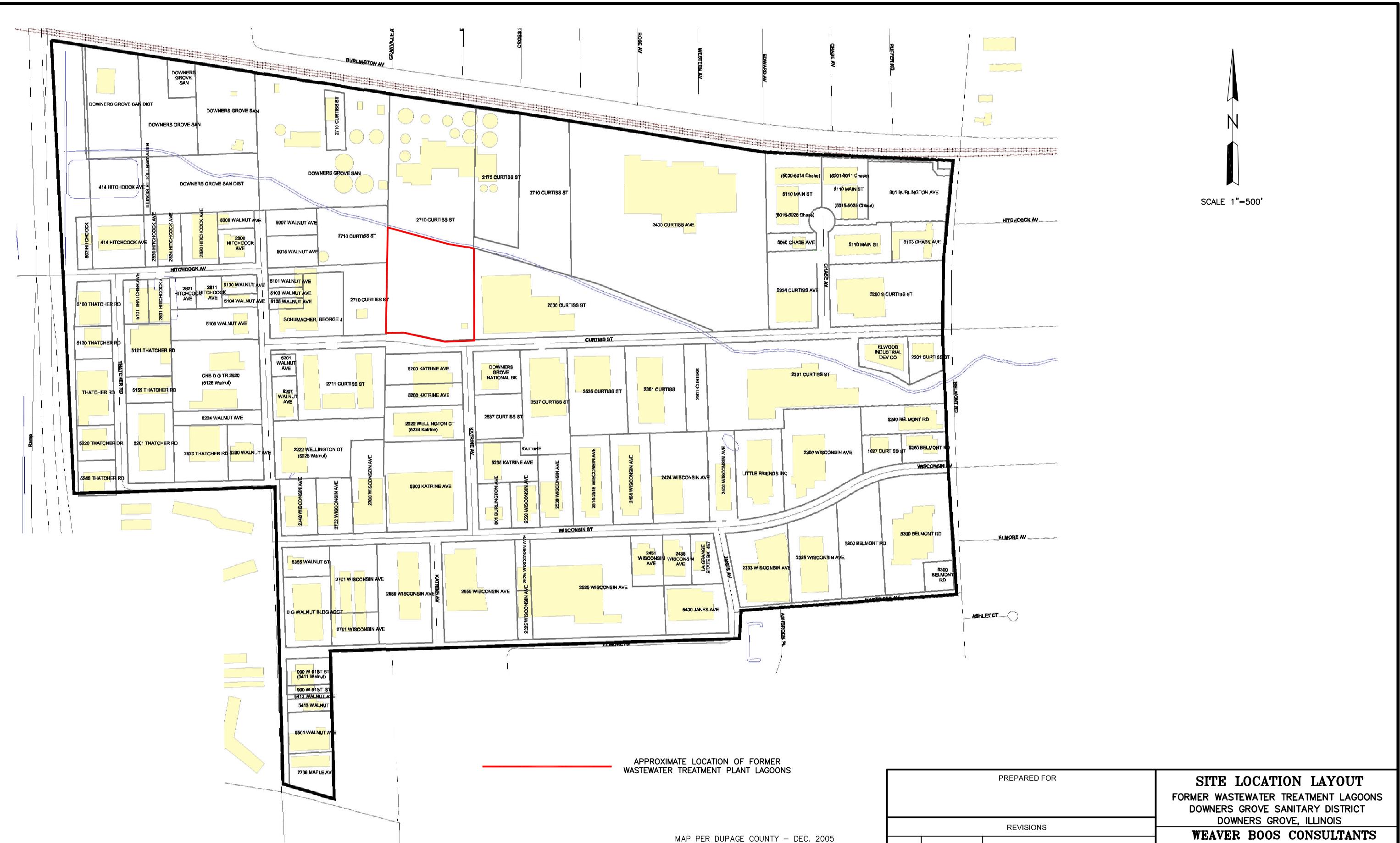


Carl R. Dawes  
Senior Project Manager



Douglas G. Dorgan, Jr., LPG  
Principal

## **FIGURES**





LEGEND

SOURCES

- 1.) BASE MAP DERIVED FROM DUPAGE COUNTY AREA MAP DATED 12/05.
- 2.) ALL SOIL PROBE LOCATIONS ARE APPROXIMATE.
- 3.) WEAVER BOOS SOIL PROBE LOCATIONS WERE LOCATED BY GPS FIELD SURVEY CONDUCTED BY WEAVER BOOS PERSONNEL ON 05/04/06.

✖ WBS-1 APPROXIMATE SOIL PROBE LOCATION (WEAVER BOOS)

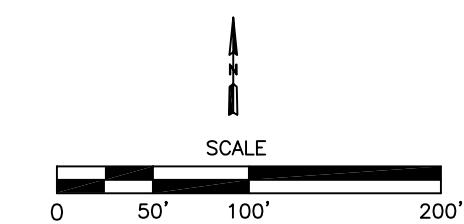
■ WBW-2 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION (WEAVER BOOS)

■ DG-2(I) APPROXIMATE GROUNDWATER MONITORING WELL LOCATION (HUFF & HUFF)

✖ BD-4(I) APPROXIMATE SOIL PROBE LOCATION (USEPA)

— APPROXIMATE PROPERTY BOUNDARY

— APPROXIMATE FENCE LOCATION



SOIL PROBE LOCATION  
FORMER WASTEWATER TREATMENT LAGOONS

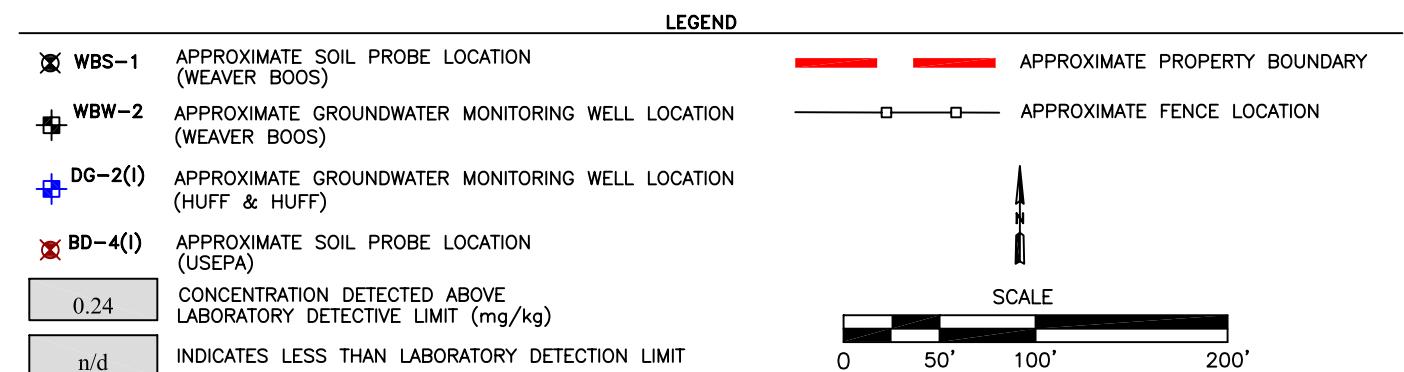
DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET  
DOWNERS GROVE, IL

Weaver Boos Consultants

GRIFFITH, IN	CHICAGO, IL	NAPERVILLE, IL
FORT WORTH, TX	(312) 922-1030	SPRINGFIELD, IL
COLUMBUS, OH		SOUTH BEND, IN
		ST. LOUIS, MO

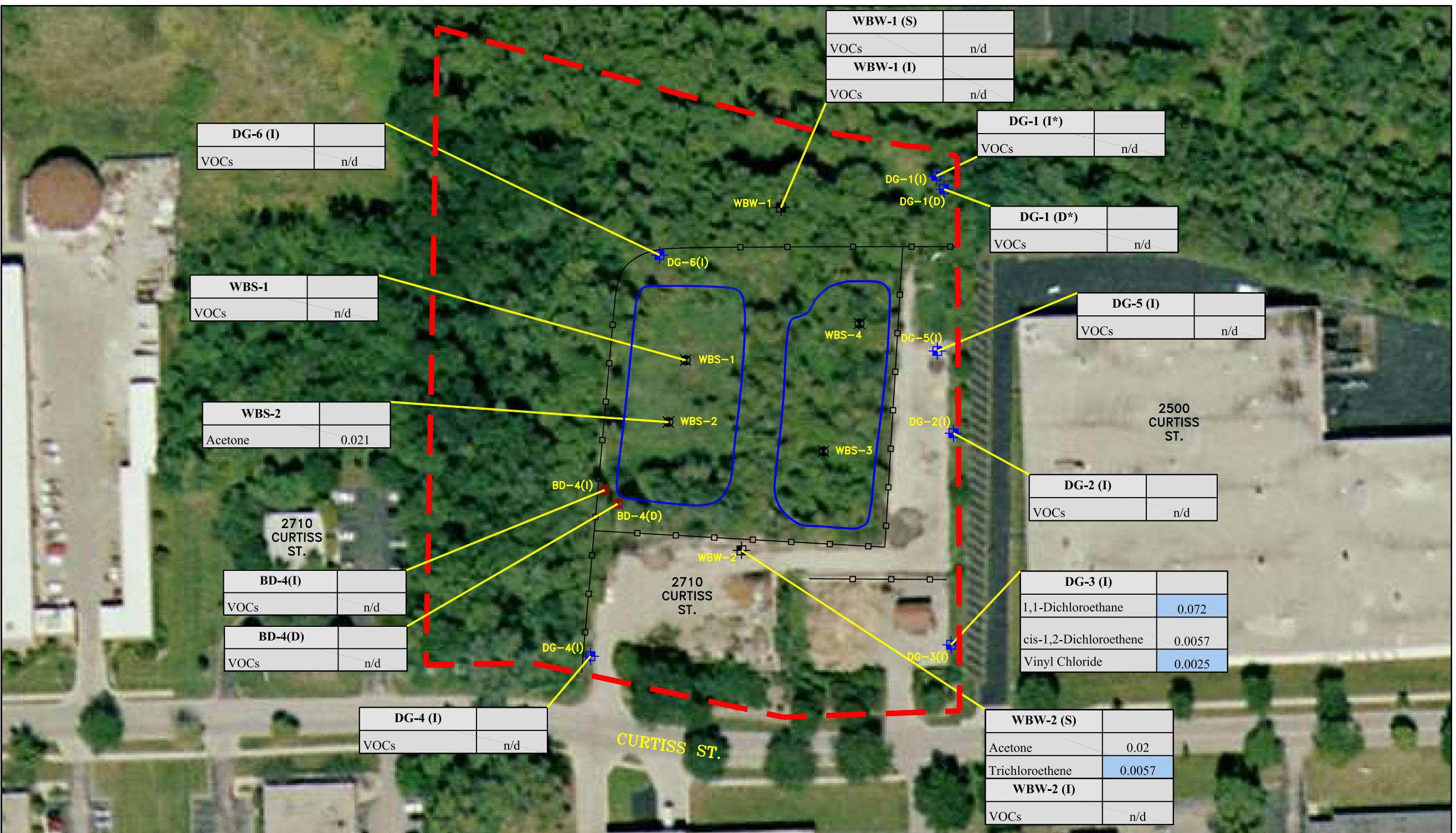
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REVIEWED BY: CRD	CAD:EL000004A.DWG	FIGURE 2
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#### SOURCES

- 1.) BASE MAP DERIVED FROM DUPAGE COUNTY AREA MAP DATED 12/05.
- 2.) ALL SOIL PROBE LOCATIONS ARE APPROXIMATE.
- 3.) WEAVER BOOS SOIL PROBE LOCATIONS WERE LOCATED BY GPS FIELD SURVEY CONDUCTED BY WEAVER BOOS PERSONNEL ON 05/04/06.



#### SOURCES

- 1.) BASE MAP DERIVED FROM DUPAGE COUNTY AREA MAP DATED 12/05.
  - 2.) ALL SOIL PROBE LOCATIONS ARE APPROXIMATE.
  - 3.) WEAVER BOOS SOIL PROBE LOCATIONS WERE LOCATED BY GPS FIELD SURVEY CONDUCTED BY WEAVER BOOS PERSONNEL ON 05/04/06.
- NOTE:** WBW-1(S) AND WBW-2(S) CONSIST OF SHALLOW GROUNDWATER SAMPLES (<40-FEET BGS) COLLECTED USING A ONE-INCH DIAMETER, TEN-FOOT LONG PVC SCREEN FROM THE SHALLOW GROUNDWATER DEPTH PRIOR TO ADVANCING THE SOIL BORING TO ITS FINAL DEPTH.

#### LEGEND

0.0057	CONCENTRATION EXCEEDS TACO TIER 1 (CLASS I) GROUNDWATER REMEDIATION OBJECTIVES	— — APPROXIMATE PROPERTY BOUNDARY
0.24	CONCENTRATION DETECTED ABOVE LABORATORY DETECTIVE LIMIT (mg/L)	— — APPROXIMATE FENCE LOCATION
n/d	INDICATES LESS THAN LABORATORY DETECTION LIMIT	☒ WBS-1 APPROXIMATE SOIL PROBE LOCATION (WEAVER BOOS)
(S)	SHALLOW WATER SAMPLE (<40 FEET BELOW GROUND SURFACE).	☒ WBS-2 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION (WEAVER BOOS)
(I)	INTERMEDIATE MONITORING WELL DEPTH (BETWEEN 40 AND 60 FEET BELOW GROUND SURFACE).	⊕ DG-2(I) APPROXIMATE GROUNDWATER MONITORING WELL LOCATION (HUFF & HUFF)
(D)	DEEP MONITORING WELL DEPTH (>60 FEET BELOW GROUND SURFACE).	☒ BD-4(I) APPROXIMATE SOIL PROBE LOCATION (USEPA)
* MONITORING WELL DEPTHS FOR DG-1 (I) IS 33.03-FT AND DG-1 (D) IS 45.05-FT.		
MONITORING WELL DEPTHS ARE MEASURED FROM TOP OF STEEL RISER.		

#### GROUNDWATER ANALYTICAL SUMMARY FORMER WASTEWATER TREATMENT LAGOONS

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET  
DOWNERS GROVE, IL

Weaver Boos Consultants  
GRIFFITH, IN  
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NAPERVILLE, IL  
SPRINGFIELD, IL  
ST. LOUIS, MO

DRAWN BY: CJB DATE: 05/03/06 FILE: 1894300-03  
REVIEWED BY: CRD CAD: ELO00004C.DWG

## **TABLES**

**Table 1**  
**VOCs Soil Analytical Summary**  
**Former Wastewater Treatment Lagoons**  
**Downers Grove Sanitary District**  
**Downers Grove, Illinois**

Analyte	Industrial/Commercial <sup>a</sup>		Construction Worker <sup>a</sup>		Soil Component of Groundwater Ingestion <sup>a</sup>		Soil Saturation Limit <sup>b</sup>	Weaver Boos Site Assessment (April 2006)												
	Ingestion mg/kg	Inhalation mg/kg	Ingestion mg/kg	Inhalation mg/kg	Class I mg/kg	Class II mg/kg		Former Wastewater Treatment Lagoons						North of Former Lagoons			South of Former Lagoons			
	mg/kg							WBS-1 <sup>d</sup>	WBS-1	WBS-2	WBS-2	WBS-3	WBS-3	WBS-4	WBS-4	WBW-1	WBW-1	WBW-1	WBW-2	WBW-2
<b>VOCs</b>																				
Acetone	200,000	100,000	200,000	100,000	16	16	100,000	< 0.18	< 0.11	< 0.12	< 0.036	< 0.05	< 0.056	< 0.065	< 0.047	< 0.075	< 0.069	< 0.052	< 0.049	< 0.057
Benzene	100	1.6	2,300	2.2	0.03	0.17	870	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	3,000	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Bromoform	720	100	16,000	140	0.8	0.8	1,900	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Bromomethane	2,900	15	1,000	3.9	0.2	1.2	3,200	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.013	< 0.0096	< 0.015	< 0.014	< 0.01	< 0.0098	< 0.011
2-Butonone <sup>c</sup>	1,000,000	25,000	120,000	710	17	17	---	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.013	< 0.0096	< 0.015	< 0.014	< 0.01	< 0.0098	< 0.011
Carbon Disulfide	200,000	720	20,000	9.0	32	160	720	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Carbon Tetrachloride	44	0.64	410	0.90	0.07	0.33	1,100	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Chlorobenzene	41,000	210	4,100	1.3	1.0	6.5	680	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	1,300	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Chloroethane <sup>c</sup>	820,000	1,500	82,000	94	15	70	---	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.013	< 0.0096	< 0.015	< 0.014	< 0.01	< 0.0098	< 0.011
Chloroform	940	0.54	2,000	0.76	0.6	2.9	2,900	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Chloromethane <sup>c</sup>	8,200	170	820	1.1	0.14	0.68	---	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.013	< 0.0096	< 0.015	< 0.014	< 0.01	< 0.0098	< 0.011
1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	1,700	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
1,2-Dichloroethane	63	0.7	1,400	0.99	0.02	0.10	1,800	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
1,1-Dichloroethylene	18,000	1,500	1,800	300	0.06	0.30	1,500	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
cis-1,2-Dichloroethylene	20,000	1,200	20,000	1,200	0.4	1.1	1,200	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
trans-1,2-Dichloroethylene	41,000	3,100	41,000	3,100	0.7	3.4	3,100	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	1,100	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	1,400	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	1,400	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
Ethylbenzene	200,000	400	20,000	58	13	19	400	< 0.018	< 0.011	< 0.012	< 0.0036	< 0.005	< 0.0056	< 0.0065	< 0.0047	< 0.0075	< 0.0069	< 0.0052	< 0.0049	< 0.0057
2-Hexanone <sup>c</sup>	82,000	110	8,200	0.72	1.3	1.3	---	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.013	< 0.0096	< 0.015	< 0.014	< 0.01	< 0.0098	< 0.011
4-Methyl-2-pentanone	---	---	---	---	---	---	---	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.013	< 0.0096	< 0.015	< 0.014	< 0.01	< 0.0098	< 0.011
Methylene Chloride	760	24	12,000	34	0.02	0.2	2,400	< 0.036	< 0.022	< 0.024	< 0.0071	< 0.01	< 0.011	< 0.01						

**Table 2**  
**VOCs Groundwater Analytical Summary**  
**Former Wastewater Treatment Lagoons**  
**Downers Grove Sanitary District**  
**Downers Grove, Illinois**

Notes

**NOTES:** Monitoring wells DG-1(D), DG-1(I) through DG-6(I), BD-4(I) and BD-4(D) were installed during prior environmental investigations in 2002 and 2003 and resampled during Weaver Boos' April 2006 Site Assessment.

<sup>a</sup> Tier 1 Soil Remediation Objective from Tiered Approach to Corrective Action Objectives (TACO) 35 IAC 742

<sup>b</sup> Sample identification

<sup>c</sup> Groundwater remediation objectives as listed in the document entitled *Groundwater Remediation Objectives for Chemicals Not Listed in TACO*

Groundwater remediation objectives as listed in the document entitled *Groundwater Remediation Objectives*, prepared by the Illinois Environmental Protection Agency Toxicity Assessment Unit dated October 1, 2004.

$\leq 0.001$ . Less than the reported laboratory detection limit.

--- indicates not listed in TACQ Tier 1 Groundwater

0.051 Analyte detected above the laboratory detection limit

**0.0057** Concentration exceeds TACO Tier 1 Class I groundwater remediation objective.

**Attachment A**

**GPS Survey Data**

**GPS Field Survey Summary**  
**Former Wastewater Treatment Lagoons**  
**Downers Grove Sanitary District**  
**Downers Grove, Illinois**

<b>Soil Probe ID</b>	<b>Easting</b>	<b>Northing</b>
BD-4(D)	323630.411	569162.068
BD-4(I)	323629.087	569164.608
DG-1(D)	323722.438	569252.675
DG-1(I)	323721.389	569254.752
DG-2(I)	323728.396	569173.759
DG-3(I)	323727.043	569114.463
DG-4(I)	323624.047	569110.078
DG-5(I)	323721.837	569204.742
DG-6(I)	323645.168	569227.63
WBW-1	323677.566	569245.369
WBW-2	323672.184	569149.312
WBS-4	323690.594	5692056.112
WBS-3	323692.807	569180.692
WBS-2	323650.314	569177.162
WBS-1	323629.96	569195.882

Note: All locations are approximate derived from GPS field survey  
conducted on April 12, 2006

System:	State Plane 1983
Zone:	Illinois East
Datum:	NAD 1983 (Conus)
Coordinate Units	Meters

**Attachment B**

**Property Photographs**

By: Jane Kaufmann  
Project No. 1894300-03

Former Wastewater Treatment Lagoons  
Downers Grove Sanitary District  
Downers Grove, Illinois

Page 1 of 6  
Date: April 3, 4, 13, 2006

**Photograph #1**



View of drilling  
WBS-1 soil probe  
facing east.

**Photograph #2**



View of west lagoon  
area facing south.

By: Jane Kaufmann  
Project No. 1894300-03

Former Wastewater Treatment Lagoons  
Downers Grove Sanitary District  
Downers Grove, Illinois

Page 2 of 6  
Date: April 3, 4, 13, 2006

**Photograph #3**

---



View of western lagoon area near  
WBS-1 facing east.

**Photograph #4**

---



View of drilling in  
western lagoon.

By: Jane Kaufmann  
Project No. 1894300-03

Former Wastewater Treatment Lagoons  
Downers Grove Sanitary District  
Downers Grove, Illinois

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Date: April 3, 4, 13, 2006

**Photograph #5**



View of soils from  
WBS-1.

**Photograph #6**



View of soil sam-  
pling materials and  
soils from WBS-3.

By: Jane Kaufmann  
Project No. 1894300-03

Former Wastewater Treatment Lagoons  
Downers Grove Sanitary District  
Downers Grove, Illinois

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Date: April 3, 4, 13, 2006

**Photograph #7**

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View of soils from  
WBS-4.

**Photograph #8**

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View of completed  
monitoring well  
WBW-2.

By: Jane Kaufmann  
Project No. 1894300-03

Former Wastewater Treatment Lagoons  
Downers Grove Sanitary District  
Downers Grove, Illinois

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Date: April 3, 4, 13, 2006

**Photograph #9**

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View of closing drums.

**Photograph #10**

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View of drums placed by Weaver Boos.

By: Jane Kaufmann  
Project No. 1894300-03

Former Wastewater Treatment Lagoons  
Downers Grove Sanitary District  
Downers Grove, Illinois

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Date: April 3, 4, 13, 2006

### **Photograph #11**

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View of sampling from USEPA well.

**Attachment C**

**Soil Logs**

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBS-1</b>				Page 1 of 2		
<b>BOOS</b>			Time Started:	1000	File No.:	1894300-03			
<b>CONSULTANTS</b>			Time Completed:		Client:	Muniz Joint Defense Group			
<b>NORTH CENTRAL, LLC</b>			Driller:	Cabeno Environmental	Date:	4/3/2006			
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	20	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
			SAMPLE DATA						
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS		
--- 1.0 ---	TP	TOPSOIL	1	24	0	Dry	No Odor		
--- 2.0 ---	GP	Poorly graded gravel							
--- 3.0 ---	CL	Brown/orange CLAY with gravel and rock	1	24	0	Moist	No Odor		
--- 4.0 ---									
--- 5.0 ---	CL	Brown CLAY with gravel	2	24	0	Moist	No Odor		
--- 6.0 ---									
--- 7.0 ---	CL	Brown CLAY with gravel	2	24	0	Moist	No Odor		
--- 8.0 ---									
--- 9.0 ---	CL	Brown SILTY CLAY with gravel Sample collected at 12 feet	3	36	0	Moist	No Odor		
--- 10.0 ---									
--- 11.0 ---	CL	Poorly graded gravel with sand	3	36	0	Moist	No Odor		
--- 12.0 ---									
--- 13.0 ---	CL	Brown CLAY with gravel	4	48	0	Moist	No Odor		
--- 14.0 ---									
--- 15.0 ---	CL	Brown SILTY CLAY with gravel	4	48	0	Moist	No Odor		
--- 16.0 ---									
--- 17.0 ---	CL	Brown CLAY with gravel	4	48	0	Moist	No Odor		
--- 18.0 ---									
--- 19.0 ---	CL		4	48	0	Moist	No Odor		
--- 20.0 ---									
NOTES: Soil probe terminated at 25' bgs									

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBS-1</b>				Page 2 of 2		
<b>BOOS</b>			Time Started:	1000	File No.:	1894300-03			
<b>CONSULTANTS</b>			Time Completed:		Client:	Muniz Joint Defense Group			
<b>NORTH CENTRAL, LLC</b>			Driller:	Cabeno Environmental	Date:	4/3/2006			
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	20	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
SAMPLE DATA									
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION		SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- 21.0 --	CL	Brown SILTY CLAY with gravel  Sample collected at 22 feet				0	Wet	No Odor	
-- 22.0 --									
-- 23.0 --	CL	Gray hard CLAY with trace gravel		5	60	0	Dry	No Odor	
-- 24.0 --									
-- 25.0 --									
-- 26.0 --									
-- 27.0 --									
-- 28.0 --									
-- 29.0 --									
-- 30.0 --									
-- 31.0 --									
-- 32.0 --									
-- 33.0 --									
-- 34.0 --									
-- 35.0 --									
-- 36.0 --									
-- 37.0 --									
-- 38.0 --									
-- 39.0 --									
-- 40.0 --									
NOTES: Water sample collected using one-inch diameter and 10-foot long PVC screen					Soil probe terminated at 25' bgs				

<b>WEAVER BOOS CONSULTANTS NORTH CENTRAL, LLC GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Log of Soil Boring No.: <b>WBS-2</b>				Page 1 of 2		
			Time Started:	1300	File No.:	1894300-03			
			Time Completed:		Client:	Muniz Joint Defense Group			
			Driller:	Cabeno Environmental	Date:	4/3/2006			
			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	19	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
SAMPLE DATA									
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION		SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
--- ____ 1.0 ____	FL	FILL (sand and gravel)		1	36	0	Dry	No Odor	
--- ____ 2.0 ____	CL	Brown medium CLAY							
--- ____ 3.0 ____	SP	Poorly graded SAND with gravel		2	36	0	Moist	No Odor	
--- ____ 4.0 ____	SP	Brown poorly graded SAND and GRAVEL							
--- ____ 5.0 ____		Sample collected at 10 feet							
--- ____ 6.0 ____				3	36	0	Dry	No Odor	
--- ____ 7.0 ____									
--- ____ 8.0 ____									
--- ____ 9.0 ____									
--- ____ 10.0 ____									
--- ____ 11.0 ____	CL	Brown SILTY CLAY with gravel							
--- ____ 12.0 ____	SP	Brown poorly graded SAND and GRAVEL							
--- ____ 13.0 ____									
--- ____ 14.0 ____									
--- ____ 15.0 ____									
--- ____ 16.0 ____	CL	Brown medium SILTY CLAY with gravel							
--- ____ 17.0 ____	CL	Brown CLAY with gravel							
--- ____ 18.0 ____									
--- ____ 19.0 ____									
--- ____ 20.0 ____		Sample collected at 20 feet							
NOTES: Soil probe terminated at 26' bgs									

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBS-2</b>				Page 2 of 2		
<b>BOOS</b>			Time Started:	1300	File No.:	1894300-03			
<b>CONSULTANTS</b>			Time Completed:		Client:	Muniz Joint Defense Group			
<b>NORTH CENTRAL, LLC</b>			Driller:	Cabeno Environmental	Date:	4/3/2006			
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	19	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
SAMPLE DATA									
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION		SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- 21.0 --		Little Recovery-No Sample Collected				0	Moist	No Odor	
-- 22.0 --				5	0				
-- 23.0 --						0	Wet	No Odor	
-- 24.0 --									
-- 25.0 --									
-- 26.0 --		Rock Fragments/Coarse Gravel - No Recovery							
Refusal at 26 feet									
-- 27.0 --									
-- 28.0 --									
-- 29.0 --									
-- 30.0 --									
-- 31.0 --									
-- 32.0 --									
-- 33.0 --									
-- 34.0 --									
-- 35.0 --									
-- 36.0 --									
-- 37.0 --									
-- 38.0 --									
-- 39.0 --									
-- 40.0 --									
NOTES: Water sample collected using one-inch diameter and 10-foot long PVC screen					Soil probe terminated at 26' bgs				

**WEAVER****BOOS****CONSULTANTS****NORTH CENTRAL, LLC****GEO-ENVIRONMENTAL ENGINEERS  
AND SCIENTISTS**Log of Soil Boring No.: **WBS-3**

Page 1 of 2

Time Started:	1530	File No.:	1894300-03
Time Completed:		Client:	Muniz Joint Defense Group
Driller:	Cabeno Environmental	Date:	4/3/2006
Helper:	NA		
Location:	Sanitary District Downers Grove, Illinois	NA	WATER LEVEL DATA Ft WHILE DRILLING Ft AT COMPLETION

Logged By: Jane Kaufmann

**SAMPLE DATA**

BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS
-- 1.0 --	FL	FILL (sand and gravel)					
-- 2.0 --	CL	Brown medium CLAY	1	36	0	Dry	No Odor
-- 3.0 --							
-- 4.0 --	CL	Orange/brown soft CLAY with gravel			0	Moist	No Odor
-- 5.0 --							
-- 6.0 --	GP	Poorly graded gravel with sand	2	36	0	Moist	No Odor
-- 7.0 --							
-- 8.0 --	SP	Poorly graded SAND with gravel					
-- 9.0 --	CL	Brown medium CLAY with gravel			0	Dry	No Odor
-- 10.0 --		Purple rock fragments					
-- 11.0 --	GW	Brown SAND and GRAVEL	3	36	0	Moist	No Odor
-- 12.0 --							
-- 13.0 --							
-- 14.0 --	CL	Gray medium SILTY CLAY with gravel			0	Moist	No Odor
-- 15.0 --		Sample collected at 15 feet					
-- 16.0 --	CL	Gray soft CLAY with trace gravel	4	48	0	Moist	No Odor
-- 17.0 --							
-- 18.0 --	SP	Poorly graded SAND and GRAVEL					
-- 19.0 --	CL	Red/brown medium CLAY with gravel			0	Moist	No Odor
-- 20.0 --	CL	Gray medium CLAY with trace gravel					

NOTES:

Soil probe terminated at 25' bgs

**WEAVER****BOOS****CONSULTANTS****NORTH CENTRAL, LLC****GEO-ENVIRONMENTAL ENGINEERS  
AND SCIENTISTS**Log of Soil Boring No.: **WBS-3**

Page 2 of 2

Time Started:	1530	File No.:	1894300-03
Time Completed:		Client:	Muniz Joint Defense Group
Driller:	Cabeno Environmental	Date:	4/3/2006
Helper:	NA		WATER LEVEL DATA
Location:	Sanitary District	NA	Ft WHILE DRILLING
	Downers Grove, Illinois	NA	Ft AT COMPLETION

Logged By: Jane Kaufmann

**SAMPLE DATA**

BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS
-- 21.0 --	CL	Gary/brown SILTY CLAY with gravel			0	Moist	No Odor
-- 22.0 --							
-- 23.0 --	CL	Gray medium CLAY	5	60	0	Moist	No Odor
-- 24.0 --							
-- 25.0 --		Refusal at 25 feet					
-- 26.0 --							
-- 27.0 --							
-- 28.0 --							
-- 29.0 --							
-- 30.0 --							
-- 31.0 --							
-- 32.0 --							
-- 33.0 --							
-- 34.0 --							
-- 35.0 --							
-- 36.0 --							
-- 37.0 --							
-- 38.0 --							
-- 39.0 --							
-- 40.0 --							

NOTES:

Soil probe terminated at 25' bgs

**WEAVER****BOOS****CONSULTANTS****NORTH CENTRAL, LLC****GEO-ENVIRONMENTAL ENGINEERS  
AND SCIENTISTS**Log of Soil Boring No.: **WBS-4**

Page 1 of 2

Time Started:	1145	File No.:	1894300-03
Time Completed:		Client:	Muniz Joint Defense Group
Driller:	Cabeno Environmental	Date:	4/4/2006
Helper:	NA		WATER LEVEL DATA
Location:	Sanitary District	NA	Ft WHILE DRILLING
	Downers Grove, Illinois	NA	Ft AT COMPLETION

Logged By: Jane Kaufmann

**SAMPLE DATA**

BELLOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS
-- 1.0 --	FL	FILL (sand and gravel)					
-- 2.0 --	CL	Brown hard CLAY			0	Dry	No Odor
-- 3.0 --							
-- 4.0 --	CL	Brown SILTY CLAY with trace gravel			0	Moist	No Odor
-- 5.0 --	CL	Brown SILTY CLAY with gravel					
-- 6.0 --	CL	Brown SILTY CLAY					
-- 7.0 --	CL	Orange/brown SILTY CLAY with gravel			0	Moist	No Odor
-- 8.0 --							
-- 9.0 --					0	Moist	No Odor
-- 10.0 --							
-- 11.0 --	SP	Brown poorly graded SAND and GRAVEL Sample collected at 12 feet			0	Moist	No Odor
-- 12.0 --							
-- 13.0 --	CL	Brown SILTY CLAY			0	Moist	No Odor
-- 14.0 --	CL	Brown SILTY CLAY with gravel			0	Moist	No Odor
-- 15.0 --							
-- 16.0 --	SP	Brown poorly graded SAND and GRAVEL			0	Moist	No Odor
-- 17.0 --							
-- 18.0 --					0	Moist	No Odor
-- 19.0 --							
-- 20.0 --							

NOTES:

Soil probe terminated at 29' bgs

**WEAVER****BOOS****CONSULTANTS****NORTH CENTRAL, LLC****GEO-ENVIRONMENTAL ENGINEERS  
AND SCIENTISTS****Log of Soil Boring No.: WBS-4**

Page 2 of 2

Time Started:	1145	File No.:	1894300-03
Time Completed:		Client:	Muniz Joint Defense Group
Driller:	Cabeno Environmental	Date:	4/4/2006
Helper:	NA		WATER LEVEL DATA
Location:	Sanitary District	NA	Ft WHILE DRILLING
	Downers Grove, Illinois	NA	Ft AT COMPLETION

Logged By: Jane Kaufmann

**SAMPLE DATA**

BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS
-- 21.0 --	GW	Brown poorly graded SAND and GRAVEL Sample collected at 22 feet			0	Moist	No Odor
-- 22.0 --			5	48	0	Moist	No Odor
-- 23.0 --	CL	Brown/gray SILTY CLAY			0	Moist	No Odor
-- 24.0 --			6	48	0	Moist	No Odor
-- 25.0 --	CL	Brown soft SILTY CLAY			0	Moist	No Odor
-- 26.0 --		Gray soft CLAY			0	Moist	No Odor
-- 27.0 --	CL						
-- 28.0 --							
-- 29.0 --		Refusal at 29 feet					
-- 30.0 --							
-- 31.0 --							
-- 32.0 --							
-- 33.0 --							
-- 34.0 --							
-- 35.0 --							
-- 36.0 --							
-- 37.0 --							
-- 38.0 --							
-- 39.0 --							
-- 40.0 --							

NOTES:

Soil probe terminated at 29' bgs

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBW-1</b>				Page 1 of 3		
<b>BOOS</b>			Time Started:	0830	File No.:	1894300-03			
<b>CONSULTANTS</b>			Time Completed:	1330	Client:	Muniz Joint Defense Group			
<b>NORTH CENTRAL, LLC</b>			Driller:	RW Collins Company	Date:	4/6/2006			
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	27	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
			SAMPLE DATA						
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS		
---		No Sample Collected							
1.0		Fill (sand and gravel)	1	24	0.0	Dry	No Odor		
2.0	FL								
3.0		Dark brown hard SILTY CLAY	2	24	0.0	Dry	No Odor		
4.0	CL								
5.0		Brown SILTY CLAY with gravel	3	24	0.0	Dry	No Odor		
6.0	CL								
7.0		Brown poorly graded SAND with gravel	4	24	0.0	Dry	No Odor		
8.0	SP								
9.0	CL	Brown SILTY CLAY							
10.0	SP	Brown poorly graded SAND with gravel	5	24	0.0	Dry	No Odor		
11.0	CL	Brown SILTY CLAY with trace gravel							
12.0		Brown/orange poorly graded SAND with gravel	6	24	0.0	Dry	No Odor		
13.0	SP								
14.0	SP	Brown poorly graded SAND with gravel	7	24	0.0	Moist	No Odor		
15.0									
16.0	SP	Brown poorly graded SAND with gravel	8	24	0.0	Moist	No Odor		
17.0	CL	Brown SILTY CLAY with gravel							
18.0	SP	Light brown poorly graded SAND with gravel	9	24	0.0	Moist	No Odor		
19.0									
20.0	SP	Light brown poorly graded SAND with gravel	10	24	0.0	Moist	No Odor		

NOTES: Shallow water sample collected using one-inch diameter and 10-foot long PVC screen

Soil boring terminated at 49' bgs

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBW-1</b>				Page 2 of 3	
<b>BOOS</b>								
<b>CONSULTANTS</b>			Time Started: 0830 File No.: I894300-03					
<b>NORTH CENTRAL, LLC</b>			Time Completed: 1330 Client: Muniz Joint Defense Group					
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Driller: RW Collins Company Date: 4/6/2006					
			Helper: NA				WATER LEVEL DATA	
			Location: Sanitary District 27 Ft WHILE DRILLING					
			Downers Grove, Illinois NA Ft AT COMPLETION					
			Logged By: Jane Kaufmann					
SAMPLE DATA								
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- 21.0 --	CL	Light brown SILTY CLAY Sample collected at 19 to 21 feet	10	24	0.0	Moist	No Odor	
-- 22.0 --	CL	Brown SILTY CLAY	11	24	0.0	Moist	No Odor	
-- 23.0 --	CL	Brown soft SILTY CLAY Sample collected at 23 to 25 feet	12	24	0.0	Moist	No Odor	
-- 24.0 --	CL	Brown SILTY CLAY	13	24	0.0	Moist	No Odor	
-- 25.0 --	CL	Brown SILTY CLAY with gravel	14	24	0.0	Wet	No Odor	
-- 26.0 --	CL	Brown SILTY CLAY with gravel	15	24	0.0	Wet	No Odor	
-- 27.0 --	CL	Brown SILTY CLAY with gravel	16	24	0.0	Wet	No Odor	
-- 28.0 --	CL	Brown SILTY CLAY with gravel	17	24	0.0	Wet	No Odor	
-- 29.0 --	CL	Gray soft SILTY CLAY with trace gravel	18	24	0.0	Wet	No Odor	
-- 30.0 --	CL	Gray soft SILTY CLAY with trace gravel	19	24	0.0	Wet	No Odor	
-- 31.0 --	CL	Gray soft CLAY with trace gravel	20	24	0.0	Wet	No Odor	

NOTES: Shallow water sample collected using one-inch diameter and 10-foot long PVC screen

Soil boring terminated at 49' bgs

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBW-1</b>				Page 3 of 3		
<b>BOOS</b>			Time Started:	0830	File No.:	1894300-03			
<b>CONSULTANTS</b>			Time Completed:	1330	Client:	Muniz Joint Defense Group			
<b>NORTH CENTRAL, LLC</b>			Driller:	RW Collins Company	Date:	4/6/2006			
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	27	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
SAMPLE DATA									
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION		SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- 41.0 --	CL	Gray soft CLAY with trace gravel		20	24	0.0	Wet	No Odor	
-- 42.0 --	CL	Gray soft CLAY with trace gravel		21	24	0.0	Wet	No Odor	
-- 43.0 --	CL	Gray soft CLAY with trace gravel		22	24	0.0	Wet	No Odor	
-- 44.0 --	CL	Gray soft SILTY CLAY Sample collected at 45 to 47 feet		23	24	0.0	Wet	No Odor	
-- 45.0 --	CL	Gray soft SILTY CLAY with gravel		24	24	0.0	Wet	No Odor	
-- 46.0 --		Refusal at 49 feet							
-- 47.0 --									
-- 48.0 --									
-- 49.0 --									
-- 50.0 --									
-- 51.0 --									
-- 52.0 --									
-- 53.0 --									
-- 54.0 --									
-- 55.0 --									
-- 56.0 --									
-- 57.0 --									
-- 58.0 --									
-- 59.0 --									
-- 60.0 --									

NOTES: Shallow water sample collected using one-inch diameter and 10-foot long PVC screen

Soil boring terminated at 49' bgs

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBW-2</b>				Page 1 of 3		
<b>BOOS</b>			Time Started:	0730	File No.:	1894300-03			
<b>CONSULTANTS</b>			Time Completed:	1230	Client:	Muniz Joint Defense Group			
<b>NORTH CENTRAL, LLC</b>			Driller:	RW Collins Company	Date:	4/7/2006			
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Helper:	NA	WATER LEVEL DATA				
			Location:	Sanitary District	39	Ft WHILE DRILLING			
				Downers Grove, Illinois	NA	Ft AT COMPLETION			
			Logged By:	Jane Kaufmann					
SAMPLE DATA									
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION		SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- ____ 1.0 ____		Spoon started at 3 feet, No sample collected							
-- ____ 2.0 ____									
-- ____ 3.0 ____									
-- ____ 4.0 ____	CL	Brown SILTY CLAY with trace gravel		1	24	0.0	Dry	No Odor	
-- ____ 5.0 ____									
-- ____ 6.0 ____	SP	Poorly graded SAND with gravel		2	24	0.0	Dry	No Odor	
-- ____ 7.0 ____									
-- ____ 8.0 ____	GP	Poorly graded gravel		3	24	0.0	Dry	No Odor	
-- ____ 9.0 ____									
-- ____ 10.0 ____	SP	Poorly graded SAND with gravel		4	24	0.0	Dry	No Odor	
-- ____ 11.0 ____									
-- ____ 12.0 ____	GP	Poorly graded gravel with some sand		5	24	0.0	Dry	No Odor	
-- ____ 13.0 ____									
-- ____ 14.0 ____	GP	Poorly graded gravel with some sand		6	24	0.0	Dry	No Odor	
-- ____ 15.0 ____									
-- ____ 16.0 ____	GP	Poorly graded gravel with some sand		7	24	0.0	Moist	No Odor	
-- ____ 17.0 ____									
-- ____ 18.0 ____	SP	Poorly graded SAND with gravel		8	24	0.0	Moist	No Odor	
-- ____ 19.0 ____									
-- ____ 20.0 ____	SP	Poorly graded SAND with gravel		9	24	0.0	Moist	No Odor	

NOTES: Shallow water sample collected using one-inch diameter and 10-foot long PVC screen

Soil boring terminated at 54' bgs

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBW-2</b>				Page 2 of 3	
<b>BOOS</b>								
<b>CONSULTANTS</b>			Time Started: 0730 File No.: I894300-03					
<b>NORTH CENTRAL, LLC</b>			Time Completed: 1230 Client: Muniz Joint Defense Group					
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Driller: RW Collins Company Date: 4/7/2006					
			Helper: NA				WATER LEVEL DATA	
			Location: Sanitary District 39 Ft WHILE DRILLING					
			Downers Grove, Illinois NA Ft AT COMPLETION					
			Logged By: Jane Kaufmann					
SAMPLE DATA								
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- 21.0 --	SP	Poorly graded SAND with gravel	9	24	0.0	Moist	No Odor	
-- 22.0 --	CL	Gray SILTY CLAY with trace gravel	10	24	0.0	Moist	No Odor	
-- 23.0 --	CL	Gray SILTY CLAY with trace gravel Sample collected at 24 to 26 feet	11	24	0.0	Moist	No Odor	
-- 24.0 --	CL	Brown hard CLAY	12	24	0.0	Moist	No Odor	
-- 25.0 --	CL	Gray hard CLAY						
-- 26.0 --	SP	Poorly graded SAND with gravel	13	24	0.0	Moist	No Odor	
-- 27.0 --	SP	Poorly graded SAND with gravel	14	24	0.0	Moist	No Odor	
-- 28.0 --	SP	Poorly graded SAND with gravel	15	24	0.0	Moist	No Odor	
-- 29.0 --	SP	Poorly graded SAND with gravel	16	24	0.0	Moist	No Odor	
-- 30.0 --	SP	Poorly graded SAND with gravel	17	24	0.0	Moist	No Odor	
-- 31.0 --	SP	Poorly graded SAND with gravel	18	24	0.0	Wet	No Odor	
-- 32.0 --	SP	Poorly graded SAND with gravel	19	24	0.0	Wet	No Odor	
-- 33.0 --								
-- 34.0 --								
-- 35.0 --								
-- 36.0 --								
-- 37.0 --								
-- 38.0 --								
-- 39.0 --								
-- 40.0 --								

NOTES: Shallow water sample collected using one-inch diameter and 10-foot long PVC screen

Soil boring terminated at 54' bgs

<b>WEAVER</b>			Log of Soil Boring No.: <b>WBW-2</b>				Page 3 of 3	
<b>BOOS</b>								
<b>CONSULTANTS</b>			Time Started: 0730 File No.: I894300-03					
<b>NORTH CENTRAL, LLC</b>			Time Completed: 1230 Client: Muniz Joint Defense Group					
<b>GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS</b>			Driller: RW Collins Company Date: 4/7/2006					
			Helper: NA				WATER LEVEL DATA	
			Location: Sanitary District 39 Ft WHILE DRILLING					
			Downers Grove, Illinois NA Ft AT COMPLETION					
			Logged By: Jane Kaufmann					
<b>SAMPLE DATA</b>								
BELOW GROUND SURFACE	USCS GROUP SYMBOL	SOIL DESCRIPTION	SAMPLE I.D. NO.	RECOVERY (in.)	PID (ppm)	Moisture Content	COMMENTS	
-- 41.0 --	SP	Poorly graded SAND with gravel	20	24	0.0	Wet	No Odor	
-- 42.0 --	SP	Poorly graded SAND with gravel	21	24	0.0	Wet	No Odor	
-- 43.0 --	SP	Poorly graded SAND with gravel	22	24	0.0	Wet	No Odor	
-- 44.0 --	CL	Gray soft SILTY CLAY with trace gravel	23	24	0.0	Wet	No Odor	
-- 45.0 --	CL	Gray soft SILTY CLAY with trace gravel	24	24	0.0	Wet	No Odor	
-- 46.0 --	CL	Gray soft SILTY CLAY with trace gravel	25	24	0.0	Wet	No Odor	
-- 47.0 --	CL	Gray soft SILTY CLAY with trace gravel	26	24	0.0	Wet	No Odor	
-- 48.0 --	CL	Gray soft SILTY CLAY with trace gravel	27	24	0.0	Wet	No Odor	
-- 49.0 --	CL	Gray soft SILTY CLAY with trace gravel						
-- 50.0 --	CL	Gray soft SILTY CLAY with trace gravel						
-- 51.0 --	CL	Gray soft SILTY CLAY with trace gravel						
-- 52.0 --	CL	Gray soft SILTY CLAY with trace gravel						
-- 53.0 --	CL	Gray soft SILTY CLAY with trace gravel						
-- 54.0 --	CL	Gray soft SILTY CLAY with trace gravel						
-- 55.0 --	Refusal at 54 feet							
-- 56.0 --								
-- 57.0 --								
-- 58.0 --								
-- 59.0 --								
-- 60.0 --								

NOTES: Shallow water sample collected using one-inch diameter and 10-foot long PVC screen

Soil boring terminated at 54' bgs

**Attachment D**

**Field Notes/Logs**

4-3-06

M. Carroll and C. Davies on  
site to level existing GW wells.  
DG3-(1) was given an elevation  
of 100.00 and used as the Bench  
Mark.

	ID	+	-	EL
BM	DG3-(1)	(+f <sup>nc</sup> )	(-)x	100.00
T		4.29		104.29
	DG2-(1)		5.05	99.24
T		2.31		101.55
	DG5 (1)		6.31	95.24
	DG1 (0)		12.57	88.98
	DG1 (1)		13.81	87.74
T		4.94		104.94
	Turn		4.21	100.73

4-3-06

37

math	Notes
100.00	
+ 4.29	
104.29	
- 5.05	
99.24	
+ 2.31	
101.55	Set up (Turned) and shot back to DG2-(1)
- 6.31	
95.24	
101.55	
- 12.57	
88.98	
101.55	
- 13.81	
87.74	
100.00	
- 4.21	
95.79	Set up (Turned) and shot on DG3-(1)
- 4.21	
100.73	Turn

4-3-06

ID	+ -	EL
----	-----	----

$\pi$	6.80	107.53
-------	------	--------

DG4(1)	3.13	104.40
--------	------	--------

BD4(1)s	4.76	102.77
---------	------	--------

BD4(1)n	4.89	102.64
---------	------	--------

DG6(1)	9.65	97.88
--------	------	-------

ID	DTW	TWD	water column
DG4	53.97	57.31	3.34
DG6	46.91	60.91	14.0
DG3	49.38	55.05	5.7
DG2	41.65	59.30	17.7
DG5	44.72	57.53	12.8
DG1(1)	25.71	45.05	19.3
DG1(0)	26.76	33.03	6.3

4-3-06

38

Math

100.73

+ 6.80

107.53

- 3.13

104.40

107.53

4.76

102.77

107.53

4.89

102.64

107.53

4.65

97.88

notes

Set up and shot on Provo's Turn

well volume

x .163

0.54

2.3

0.92

2.9

2.1

3.2

1.02

x 3 (3 well volumes)

1.63

6.8

2.8

8.6

6.3

9.5

3.1

4-4-06

M. Carroll + S. Kaufman on  
5:10a to Sample GW wells

1110 OG4 - Begin purge of 1.6  
gallons. Level @ 53.86  
Sampled @ 1130

1220 OG-3 and OG-2 were kinked  
3 to 4 ft bgs. and was not  
able to be sampled w/ the  
grunfos pump.

1305 OG-5 - Level @ 49.75 w/ 2  
pump in well Begin purge  
6.5 to 7.0 gallons. Sampled @  
1325

1400 OG1 (O) Level @ 26.59 w/ 2  
pump. Begin purge of 9 gallons  
Sampled @ 1430

1445 OG1 (I) Level @ 25.50 w/ Pump  
Begin purge of 9.5 g. Sampled  
@ 1515

4-4-06

39

1540 OG6 Level @ 46.66 after  
Begin purge of 7.0 g.  
Sampled @ 1600

1610 OG2 was purged w/ bailer  
of 8.5 g. and Sampled @  
1810 by MC.

1610 OG3 was purged w/ a bailer  
for 3.0 g. and Sampled  
@ 1745 by JK.

Locality:

Ampel

Depth PLS

1 24"

0

2 24"

1

3 36"

1

4 48"

1

5 60"

1

Samples collected at 12' C 11/10

at 22' C 11/20

110 C 11/30

1 Ad of sand + gravel

WBS-1

4/3/04

27

0-1 typical

1-2 rock

2-5 brown orange clay w/ <sup>minerals</sup> gravel

6-7 brown wet clay w/ gravel

8-10 brown moist clay w/ gravel

10-12 brown with clay w/ gravel, wet

12-15 sandy gravel, moist

15-18 brown clay, wet, w/ gravel

18-20 brown wet with clay w/ gravel

20-22 dry clay w/ gravel

22-23 dry hard clay w/ fine gravel

sample	Recover	depth	rec'd
1	36"		6
2	36"		A1
3	36"		
4	26"		
5	12"		
6	0"		

Sample collected c 10' e 1410  
c 20' e 1415

- 10' e 1700

WBS 2	4/3/06
0-1 full (topsoil, shale)	28
1-4 moist brown clay, mucky	
4-5 sand + gravel	
5-10 sand + gravel (very -brown)	
10-12 brown silt/clay w/ gravel, wet	
12-15 dry sand + gravel - brown	
15-17 silt/clay w/ gravel ch. organic	
17-20 brown clay w/ gravel	
20-25 no recovery	
25-26 bedrock	
recovery @ 26'	

WBS-3

413106

29

PDP

1 36"

0

2 36"

1

3 310"

4 46"

-

Sample collected e 15° e 1640

C 25° e 1645

~~Heads~~ MM~~Heads collected 7/1/66~~

No GW collected

J-1 topsail (sludge)

1-3 brown clay, moist, medium

1-5 orange/brown moist soft calcareous

5-7 wet - sand, moist

7-8.5 dry sand + shale

8.5-9.5 moist clayey shale

9.5-10 purple bedrock

10-13 brown sand + gravel, very

13-15 wet with clay w/ sand

15-17 moist soft clay w/ shale

18-19 sand + gravel, dry

19-20 well brown clay w/ gravel, moist

19-20 gray clay w/ shale, moist

20-22 Gray/brown silt/clay/wind

22-25 Gray clay, wind

reversal 251

Sample

(cm.)

depthP.I.O.

1 48"

2 (0)

2 36"

3 40"

4 36"

5 48"

6 48"

7

Samples collected c. 21' e 1240

c. 22' c 1245

~~130~~

No SW collected

WBS- 4

4/4/06

31

0-1 till (sludge)

1-3 moist hard brown clay

3-4 ~~00~~ moist brown soft & clayish

4-5 brown silt/ clay w/ shale. moist

5-6 moist brown silt/ clay

6-10 ~~00~~ orange/brown silty clay w/ gravel10-12 brown sand + gravel ~~wet~~ dry12-13 ~~00~~ moist brown clay

13-15 moist brown silt/ clay w/ gravel

15-20 brown sand + gravel. moist <sup>yellow</sup> c 16-14.0'

20-22 brown sand + gravel

22-25 brown/marl silt/ clay

25 - 26 brown moist soft silty clay

26-29 gray clay, wet, soft

refugee 29'

PUP

Started 2'

all 0.0

Started ~ 0830  
end ~ 1230

H2O e 27'

Sample collected e 19-21' e 1040  
23-25' e 1045

H2O collected e 1145

Sample collected e 45-47' e 1255

Well ext e 49.5 feet

Interval e 49 feet (bottom)

JBWU - 1

4/16/104

33

1-3		
2-4	Fill	
5-6	dk brown hard sticky clay	
7-8	brown with clay w/ gravel	
9-10	brown sand w/ gravel	
11-12	brown & light clay w/ gravel	
13-14	wet brown sand + gravel	
15-16	Wet brown sand + gravel	
17-18	brown moist w/ sand + gravel	
19-20	dark brown sand + gravel	
21-22	light brown w/ clay, moist	
23-24	moist brown w/ clay.	
25-26	moist brown w/ clay soft	
27-28	dry brown dark brown	
29-30	wet sticky clay w/ gravel	
31-32	brown wet sticky clay w/ gravel	
33-34	" " "	
35-37	moist gray w/ clay w/ gravel	
38-39	" " "	
40-41	wet gray clay w/ gravel, soft	
42-43	" " "	

43-45 Gray soft wet clay w/ trace  
45-47 Gray soft wet w/ H clay  
47-49 Gray wet silt w/ bedrock, 11' up

Refugee 45' - bedrock.

DR

417104

36

chart ~ 0.780

+20 @ 39'

soil start @ 3'

Sample collected @ 24-26' e  
 1100  
 52-54 1/2 1105

~~54-56 1106~~

H2O @ 1000

P.D.

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

WBW-2

- 1-3 fill + no span  
 3-5 brown silty clay w/ trace gravel  
 5-7 sand + gravel  
 7-9 rock + gravel  
 9-11 sand and gravel  
 11-13 rich, stiff clay  
 13-15 rich red clay  
 15-17 rock w/ some sand  
 17-19 sand & gravel  
 19-21 wet & soft sand + gravel  
 21-24 gray silty clay w/ trace  
 24-25 gray silty clay w/ trace medium  
 25-26 stiff brown clay  
 26-27 stiff gray clay (sand + gravel)  
 27-29 + sand + gravel  
 29-31 sand & gravel  
 31-33 sand & gravel  
 39-41 wet sand + gravel  
 41-44 wet sand + gravel  
 46-48 wet soft stiff silty clay w/ trace  
 48-50 " "  
 50-52 " "  
 52-54 " "  
 54-56 " "  
 56-58 " "  
 58-60 " "  
 60-62 " "  
 62-64 " "  
 64-66 " "  
 66-68 " "  
 68-70 " "  
 70-72 " "  
 72-74 " "  
 74-76 " "  
 76-78 " "  
 78-80 " "  
 80-82 " "  
 82-84 " "  
 84-86 " "  
 86-88 " "  
 88-90 " "  
 90-92 " "  
 92-94 " "  
 94-96 " "  
 96-98 " "  
 98-100 " "

Total soil @ 541 mds

4/12/08

3D-4(O)

Depth + t<sub>20</sub> : 52.31

Depth total: 82.00

~ 158° SW

start: 1045  
end: 1145  
sample: 1150

20-3 1645  
3D-4(O) 1700

Equipment blank 1205

3D-4(O)	52.31
3D-4(I)	42.66
DG-6(I)	460.75
WBW-1	26.79
DG-1(I)	25.47
DG-2(P)	26.55
DG-5	44.61
DG-2	41.41
WBW-2	39.05
DG-4	53.89
DG-3	49.23

BD-4 (D)

DEPTH TO H2O: ~~52.28'~~ 52.31'

TOTAL DEPTH: 82.0'

~ 15 gallons

start	1745
end	1800
sample C	1805

BD-4 (I)

DEPTH TO H2O: 42.75'

TOTAL DEPTH: 56.0'

~ 6.5 Gal

purge @	1515
end @	1540
sample @	1545

Equipment blank @ 1810

4/13/06

ELLSWORTH

DG-1(D) 5.17'

~~WBW-1~~ 5.47

BD-4(E) 4.96

WBW-2 7.43

~~WBW-3~~

BD-4(N) 5.87' (INTERM. WELL)

BD-4(S) 5.62' (DEEP WELL)

DG-4(I) 3.72'

WBW-2

38

WBW-2

depth to H<sub>2</sub>O: 39.11

Total depth: 54.0

8

purge = 20 gallons

Began purge @ 1240

ended @ 1250 1300

Sample collected @ 1305

WBW-1

depth to H<sub>2</sub>O: 27.11

Total depth: 47.0

purge 10 gallons

Began purge @ 1400

ended @ 1430

Sample @ 1430

**Attachment E**  
**Monitoring Well Construction Log**

# MONITORING WELL COMPLETION REPORT

Site Name	<u>Sanitary District</u>	County	<u>DuPage</u>	Well Number	<u>WBW-1</u>
Site Location	<u>Downers Grove, IL</u>	Northing		Easting	
Drilling Contractor	<u>RW Collins Company</u>			Date Drilling Started	<u>4/6/2006</u>
Head Driller	<u>Ted</u>	Helper		Date Completed	<u>4/6/2006</u>
Drilling Method	<u>4.25-inch ID HSA</u>			Drilling Fluids 'Type'	<u>None</u>
Water Level at Completion	<u>27</u>			Date & Time	
Water Level after 24 hours	<u>27</u>			Date & Time	

Elevation Ft.

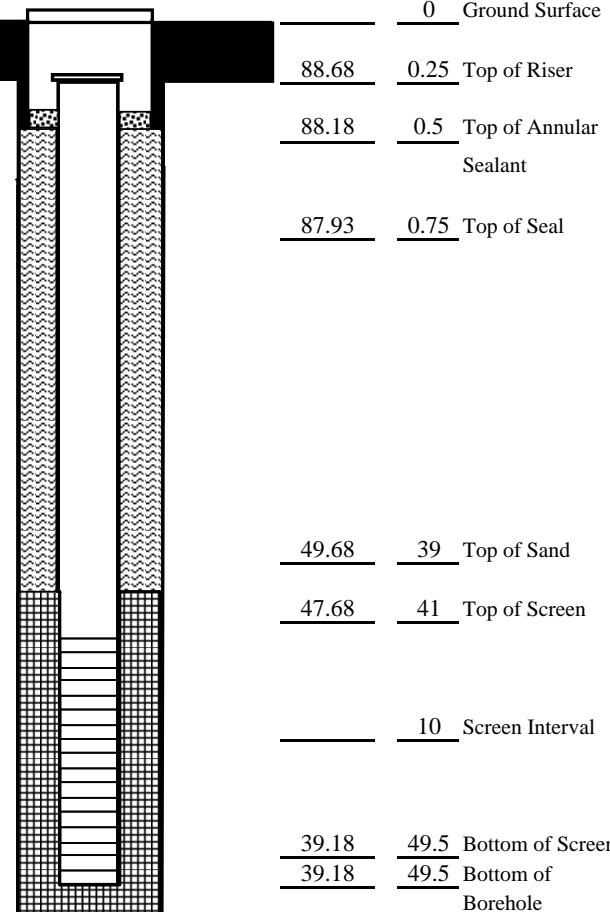
## Annular Space Details

Type of Surface Seal	Concrete				
Type of Annular Sealant	Bentonite Chips and Sand				
Amount of Cement:	# of bags	<u>1</u>			
Type of Seal (Granular, Pellet, Grout):		Bentonite Grout			Top of Procover
Amount of Bentonite Grout:	# of bags	<u>2</u>	lbs. per bag	<u>50</u>	0 Ground Surface
Type of Sand Pack	Pure Silica Sand				
Amount of Sand:	# of bags	<u>8</u>	lbs. per bag	<u>50</u>	88.68 0.25 Top of Riser

## Piezometer Construction Materials

	PVC	Stainless Steel	Teflon	Other (specify)
Riser Coupling Joint	<u>2"</u>			
Riser Pipe Above W.T.	<u>2"</u>			
Riser Pipe Below W.T.	<u>2"</u>			
Screen	<u>2"</u>			
Protective Casing	None			

Riser Pipe Length	40 Feet		
Protective Casing Length	None		
Screen Length	10 Feet		
Screen Slot Size	0.01 inch		
Diameter of borehole - inches	8 inches		
ID of Riser Pipe - inches	2 inches		



Notes:

Completed by Jane M. Kaufmann  
Surveyed by Weaver Boos Consultants  
File Number 1894300-03

BM: Top of Riser for Monitoring Well DG-3(I) 100

**Weaver Boos Consultants North Central, LLC**

1813 N. Mill Street, Suite A  
Naperville, IL 60563  
(630) 717-4848

# MONITORING WELL COMPLETION REPORT

Site Name	<u>Sanitary District</u>	County	<u>DuPage</u>	Well Number	<u>WBW-2</u>
Site Location	<u>Downers Grove, IL</u>	Northing		Easting	
Drilling Contractor	<u>RW Collins Company</u>			Date Drilling Started	<u>4/7/2006</u>
Head Driller	<u>Ted</u>	Helper		Date Completed	<u>4/7/2006</u>
Drilling Method	<u>4.25-inch ID HSA</u>			Drilling Fluids 'Type'	<u>None</u>
Water Level at Completion	<u>39</u>			Date & Time	
Water Level after 24 hours	<u>39</u>			Date & Time	

Elevation Ft.

## Annular Space Details

Type of Surface Seal	Concrete		
Type of Annular Sealant	Bentonite Chips and Sand		
Amount of Cement:	# of bags <u>1</u>		
Type of Seal (Granular, Pellet, Grout):	<u>Bentonite Grout</u>		
Amount of Bentonite Grout:	# of bags <u>2</u>	lbs. per bag <u>50</u>	
Type of Sand Pack	Pure Silica Sand		
Amount of Sand:	# of bags <u>7</u>	lbs. per bag <u>50</u>	

## Piezometer Construction Materials

	PVC	Stainless Steel	Teflon	Other (specify)
Riser Coupling Joint	<u>2"</u>			
Riser Pipe Above W.T.	<u>2"</u>			
Riser Pipe Below W.T.	<u>2"</u>			
Screen	<u>2"</u>			
Protective Casing	None			

Riser Pipe Length	<u>40 Feet</u>
Protective Casing Length	<u>None</u>
Screen Length	<u>10 Feet</u>
Screen Slot Size	<u>0.01 inch</u>
Diameter of borehole - inches	<u>8 inches</u>
ID of Riser Pipe - inches	<u>2 inches</u>

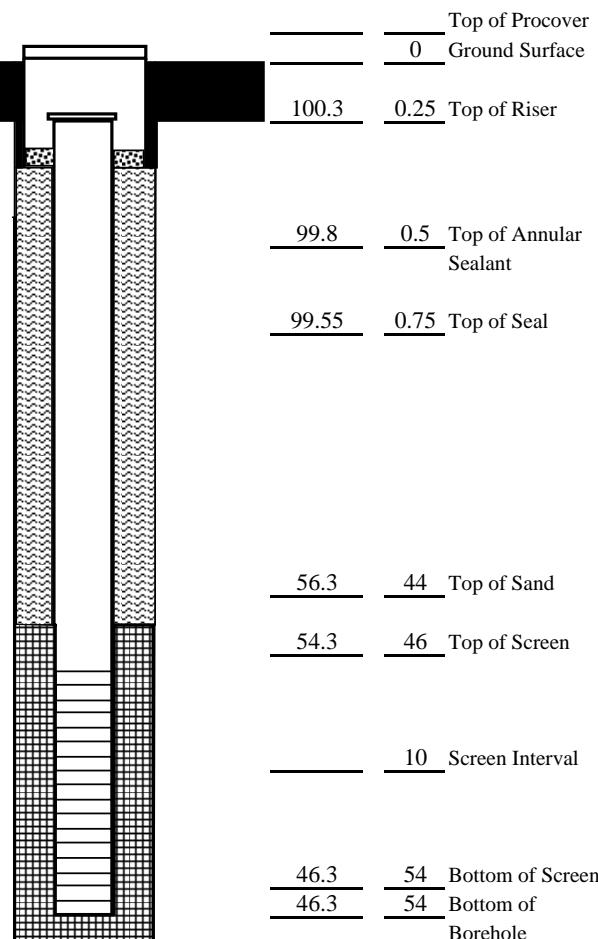
Notes:

Completed by Jane M. Kaufmann  
 Surveyed by Weaver Boos Consultants  
 File Number 1894300-03

BM: Top of Riser for Monitoring Well DG-3(I) 100

**Weaver Boos Consultants North Central, LLC**

1813 N. Mill Street, Suite A  
 Naperville, IL 60563  
 (630) 717-4848



**Attachment F**  
**Groundwater Elevations Summary**

**Groundwater Elevation Summary - April 17, 2006**  
**Former Wastewater Treatment Lagoons**  
**Downers Grove Sanitary District**  
**Downers Grove, Illinois**

Monitoring Well ID	Elevation to Top of Riser (feet)	Depth of Monitoring Well (feet bgs) <sup>a</sup>	Depth to Groundwater (feet bgs) <sup>a</sup>	Groundwater Elevation (feet)
DG-1(D)	88.98	45.05	26.55	62.43
DG-1(I)	87.74	33.03	25.47	62.27
DG-2(I)	99.24	59.30	41.41	57.83
DG-3(I)	100.00	55.05	49.23	50.77
DG-4(I)	104.40	57.31	53.89	50.51
DG-5(I)	95.24	57.53	44.61	50.63
DG-6(I)	97.88	60.91	46.75	51.13
BD-4(D)	102.50	82.00	52.31	50.19
BD-4(I)	102.25	56.00	42.66	59.59
WBW-1	88.68	49.50	26.79	61.89
WBW-2	100.30	54.00	39.05	61.25

bgs: Below ground surface

<sup>a</sup> Measured from the top of the monitoring well riser

**Attachment G**

**Laboratory Analytical Reports**

# **STAT** Analysis Corporation

2255 West Harrison St., Suite B, Chicago, IL 60612-3505

Tel: (312) 733-0551 Fax: (312) 733-2386 [STATinfo@STATAnalysis.com](mailto:STATinfo@STATAnalysis.com)

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

April 11, 2006

Weaver Boos  
70 W. Madison, Suite 4250  
Chicago, IL 60602  
Telephone: (877) 654-5241  
Fax: (312) 922-0201

RE: 1894300-03, Sanitary District, Downers Grove

STAT Project No: 06040045

Dear Carl Dawes:

STAT Analysis received 8 samples for the referenced project on 4/4/2006. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,



Jennifer Hass

Project Manager

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**Client:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab Order:** 06040045

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
06040045-001A	WBS-1 (12')		4/3/2006 11:10:00 AM	4/4/2006
06040045-001B	WBS-1 (12')		4/3/2006 11:10:00 AM	4/4/2006
06040045-002A	WBS-1 (22')		4/3/2006 11:20:00 AM	4/4/2006
06040045-002B	WBS-1 (22')		4/3/2006 11:20:00 AM	4/4/2006
06040045-003A	WBS-1		4/3/2006 11:30:00 AM	4/4/2006
06040045-004A	WBS-2		4/3/2006 2:10:00 PM	4/4/2006
06040045-004B	WBS-2		4/3/2006 2:10:00 PM	4/4/2006
06040045-005A	WBS-2		4/3/2006 2:15:00 PM	4/4/2006
06040045-005B	WBS-2		4/3/2006 2:15:00 PM	4/4/2006
06040045-006A	WBS-2		4/3/2006 5:00:00 PM	4/4/2006
06040045-007A	WBS-3		4/3/2006 4:40:00 PM	4/4/2006
06040045-007B	WBS-3		4/3/2006 4:40:00 PM	4/4/2006
06040045-008A	WBS-3		4/3/2006 4:45:00 PM	4/4/2006
06040045-008B	WBS-3		4/3/2006 4:45:00 PM	4/4/2006

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 11, 2006

Date Printed: April 11, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBS-1 (12')  
**Lab Order:** 06040045      **Collection Date:** 4/3/2006 11:10:00 AM  
**Project:** 1894300-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040045-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/5/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.18		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.018		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.018		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.018		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.036		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.036		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.018		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.018		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.018		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.018		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.036		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.018		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.036		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.018		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.018		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.018		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.018		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.018		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.018		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.018		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.018		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.018		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.036		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.036		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.036		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.018		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.018		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.018		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.018		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.018		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.018		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.018		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.018		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.018		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.054		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>4/7/2006</b>		Analyst: <b>ICD</b>
Percent Moisture	6.72	0.01	*	wt%	1	4/10/2006

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 11, 2006

Date Printed: April 11, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBS-1 (22')  
**Lab Order:** 06040045      **Collection Date:** 4/3/2006 11:20:00 AM  
**Project:** 1894300-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040045-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/5/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.11		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.011		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.011		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.011		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.022		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.022		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.011		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.011		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.011		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.011		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.022		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.011		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.022		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.011		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.011		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.011		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.011		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.011		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.022		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.022		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.011		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.011		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.011		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.011		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.011		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.011		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.011		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.011		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.011		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.033		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>4/7/2006</b>		Analyst: <b>ICD</b>
Percent Moisture	11.8	0.01	*	wt%	1	4/10/2006

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HT - Sample received past holding time  
\* - Non-accredited parameter

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H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 11, 2006**Date Printed:** April 11, 2006

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	WBS-1
<b>Lab Order:</b>	06040045	<b>Collection Date:</b>	4/3/2006 11:30:00 AM
<b>Project:</b>	1894300-03, Sanitary District, Downers Grove	<b>Matrix:</b>	Water
<b>Lab ID:</b>	06040045-003		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**

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- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 11, 2006

Date Printed: April 11, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040045  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab ID:** 06040045-004

**Client Sample ID:** WBS-2**Collection Date:** 4/3/2006 2:10:00 PM**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/5/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.12		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.012		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.012		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.012		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.024		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.024		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.012		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.012		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.012		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.012		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.024		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.012		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.024		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.012		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.012		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.012		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.012		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.012		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.024		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.024		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.012		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.012		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.012		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.012		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.012		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.012		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.012		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.012		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.012		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.036		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/7/2006</b>		Analyst: <b>ICD</b>
Percent Moisture	12.0	0.01	*	wt%	1	4/10/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 11, 2006

Date Printed: April 11, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040045  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab ID:** 06040045-005

**Client Sample ID:** WBS-2**Collection Date:** 4/3/2006 2:15:00 PM**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/5/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.036		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.0036		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.0036		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.0071		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.0071		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.0036		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.0036		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.0036		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.0071		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.0036		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.0071		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.0036		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.0036		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.0036		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.0036		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.0036		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.0036		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.0036		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.0071		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.0071		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.0071		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.0036		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.0036		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.0036		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.0036		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.0036		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.0036		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.0036		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.011		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/7/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		6.91	0.01	*	wt%	4/10/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2255 West Harrison St., Suite B, Chicago, IL 60612-3505

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 11, 2006**Date Printed:** April 11, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040045  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab ID:** 06040045-006

**Client Sample ID:** WBS-2**Collection Date:** 4/3/2006 5:00:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	0.021	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 11, 2006

Date Printed: April 11, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040045  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab ID:** 06040045-007

**Client Sample ID:** WBS-3**Collection Date:** 4/3/2006 4:40:00 PM**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/5/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.05		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.005		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.005		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.01		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.01		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.005		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.005		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.01		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.005		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.01		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.005		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.005		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.005		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.01		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.01		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.005		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.005		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.005		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.005		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.015		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/7/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		15.2	0.01	*	wt%	4/10/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 11, 2006

Date Printed: April 11, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040045  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab ID:** 06040045-008

**Client Sample ID:** WBS-3**Collection Date:** 4/3/2006 4:45:00 PM**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/5/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.056		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.0056		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.0056		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.011		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.011		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.0056		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.011		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.0056		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.011		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.0056		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.0056		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.011		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.011		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.011		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.0056		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.0056		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.0056		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.017		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/7/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		20.7	0.01	*	wt%	4/10/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT**

Analysis Corporation  
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e-mail address: [STATinfo@STATAnalysis.com](mailto:STATinfo@STATAnalysis.com) AIHA, NVLAP and NELAP accredited

**CHAIN OF CUSTODY RECORD**

Project Number: 1094300-03	P.O. No.:	Client Tracking No.:	Quote No.:	Results Needed:	Date/Time:			
Project Name: Sanitary District								
Project Location: DeWitt Grade, District								
Sampler(s): Julie Kauffman, Maria Carol								
Report To: Sam Dancy	Phone: (609) 733-4488	Fax: (609) 733-4488						
QC Level: 1	2	3	4	e-mail: <a href="mailto:Cdayse@waterloss.com">Cdayse@waterloss.com</a>				
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Preserv.	No. of Containers	Remarks	Lab No.:
WJS-1 (T1)	4/8/04	11:00	Sci	X	AF	4	X	001
WJS-1 (Z1)		11:20	Sci	X	AF	4	X	002
WJS-1		11:30	Sci	X	E	2	X	003
WJS-2		1:40	Sci	X	AF	4	X	004
WJS-2		14:15	Sci	X	AF	4	X	005
WJS-2		17:00	Sci	X	E	2	X	006
WJS-3		18:40	Sci	X	AF	4	X	007
WJS-3		18:45	Sci	X	AF	1	X	008
WJS-3		-	-	-	-	-	-	-
								Laboratory Work Order No.: 000400045
								Date/Time: 4/10/04 07:20
								Comments:
								Received by: (Signature) <i>Jay Johnson</i>
								Date/Time: 4/10/04 07:20
								Relinquished by: (Signature) <i>Jay Johnson</i>
								Date/Time: 4/10/04 07:20
								Received by: (Signature) <i>Jay Johnson</i>
								Date/Time: 4/10/04 07:20
								Relinquished by: (Signature) <i>Jay Johnson</i>
								Date/Time: 4/10/04 07:20
								Received by: (Signature) <i>Jay Johnson</i>
								Date/Time: 4/10/04 07:20
								Preservation Code: A = None    B = HNO <sub>3</sub> C = NaOH
								D = H <sub>2</sub> SO <sub>4</sub> E = HCl    F = 5035/EnCore    G = Other
								Temperature: 5 °C

# STAT Analysis Corporation

## Sample Receipt Checklist

Client Name WEAVER BOOS

Date and Time Received:

4/4/2006

Work Order Number 06040045

Received by: DJ

Checklist completed by:

*Jesus Carter*  
Signature

4/4/06  
Date

Reviewed by:

*J.A.*  
Initials

4/5/06  
Date

Matrix

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature 5 °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by:
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments: *Headspace was present in samples WBS-1 (1 of 2) and WBS-2 (1 and 2 of 2).*

Client / Person contacted:

*Carl Dawes*

Date contacted:

4/5/06

Contacted by:

*cc*

Response:

# **STAT** Analysis Corporation

*2255 West Harrison St., Suite B, Chicago, IL 60612-3505*

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*Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0*

April 12, 2006

Weaver Boos  
70 W. Madison, Suite 4250  
Chicago, IL 60602  
Telephone: (877) 654-5241  
Fax: (312) 922-0201

RE: 1894JC0-03, Sanitary District, Downers Grove

STAT Project No: 06040084

Dear Carl Dawes:

STAT Analysis received 10 samples for the referenced project on 4/5/2006. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,



Craig Chawla  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

**Client:** Weaver Boos  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab Order:** 06040084

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
06040084-001A	WBS-4 (12')		4/4/2006 12:40:00 PM	4/5/2006
06040084-001B	WBS-4 (12')		4/4/2006 12:40:00 PM	4/5/2006
06040084-002A	WBS-4 (22')		4/4/2006 12:45:00 PM	4/5/2006
06040084-002B	WBS-4 (22')		4/4/2006 12:45:00 PM	4/5/2006
06040084-003A	DG-4		4/4/2006 11:30:00 AM	4/5/2006
06040084-004A	DG-5		4/4/2006 1:25:00 PM	4/5/2006
06040084-005A	DG-1 (D)		4/4/2006 2:30:00 PM	4/5/2006
06040084-006A	DG-1 (I)		4/4/2006 3:15:00 PM	4/5/2006
06040084-007A	DG-6		4/4/2006 4:00:00 PM	4/5/2006
06040084-008A	DG-2		4/4/2006 6:10:00 PM	4/5/2006
06040084-009A	DG-3		4/4/2006 5:45:00 PM	4/5/2006
06040084-010A	Trip Blank			4/5/2006

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2006

Date Printed: April 12, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBS-4 (12')  
**Lab Order:** 06040084      **Collection Date:** 4/4/2006 12:40:00 PM  
**Project:** 1894JC0-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040084-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/6/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.065		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.0065		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.0065		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.013		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.013		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.0065		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.0065		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.0065		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.013		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.0065		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.013		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.0065		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.0065		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.0065		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.0065		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.0065		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.013		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.013		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.013		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.0065		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.0065		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.0065		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.0065		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.0065		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.0065		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.0065		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.019		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/10/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		16.5	0.01	*	wt%	4/11/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2006

Date Printed: April 12, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBS-4 (22')  
**Lab Order:** 06040084      **Collection Date:** 4/4/2006 12:45:00 PM  
**Project:** 1894JC0-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040084-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/6/2006</b>		Analyst: <b>MP</b>
Acetone	ND	0.047		mg/Kg-dry	1	4/10/2006
Benzene	ND	0.0047		mg/Kg-dry	1	4/10/2006
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
Bromoform	ND	0.0047		mg/Kg-dry	1	4/10/2006
Bromomethane	ND	0.0096		mg/Kg-dry	1	4/10/2006
2-Butanone	ND	0.0096		mg/Kg-dry	1	4/10/2006
Carbon disulfide	ND	0.0047		mg/Kg-dry	1	4/10/2006
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	4/10/2006
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	4/10/2006
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
Chloroethane	ND	0.0096		mg/Kg-dry	1	4/10/2006
Chloroform	ND	0.0047		mg/Kg-dry	1	4/10/2006
Chloromethane	ND	0.0096		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	4/10/2006
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.0047		mg/Kg-dry	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.0047		mg/Kg-dry	1	4/10/2006
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	4/10/2006
2-Hexanone	ND	0.0096		mg/Kg-dry	1	4/10/2006
4-Methyl-2-pentanone	ND	0.0096		mg/Kg-dry	1	4/10/2006
Methylene chloride	ND	0.0096		mg/Kg-dry	1	4/10/2006
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	4/10/2006
Styrene	ND	0.0047		mg/Kg-dry	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	4/10/2006
Toluene	ND	0.0047		mg/Kg-dry	1	4/10/2006
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	4/10/2006
Trichloroethene	ND	0.0047		mg/Kg-dry	1	4/10/2006
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	4/10/2006
Xylenes, Total	ND	0.014		mg/Kg-dry	1	4/10/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/10/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		15.2	0.01	*	wt%	4/11/2006

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-003

**Client Sample ID:** DG-4  
**Collection Date:** 4/4/2006 11:30:00 AM  
**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-004

**Client Sample ID:** DG-5**Collection Date:** 4/4/2006 1:25:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-005

**Client Sample ID:** DG-1 (D)**Collection Date:** 4/4/2006 2:30:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-006

**Client Sample ID:** DG-1 (I)**Collection Date:** 4/4/2006 3:15:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		<b>Analyst: PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-007

**Client Sample ID:** DG-6**Collection Date:** 4/4/2006 4:00:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-008

**Client Sample ID:** DG-2**Collection Date:** 4/4/2006 6:10:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		<b>Analyst: PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-009

**Client Sample ID:** DG-3**Collection Date:** 4/4/2006 5:45:00 PM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
Acetone	ND	0.01		mg/L	1	4/11/2006
Benzene	ND	0.005		mg/L	1	4/11/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/11/2006
Bromoform	ND	0.005		mg/L	1	4/11/2006
Bromomethane	ND	0.01		mg/L	1	4/11/2006
2-Butanone	ND	0.01		mg/L	1	4/11/2006
Carbon disulfide	ND	0.005		mg/L	1	4/11/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/11/2006
Chlorobenzene	ND	0.005		mg/L	1	4/11/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/11/2006
Chloroethane	ND	0.01		mg/L	1	4/11/2006
Chloroform	ND	0.005		mg/L	1	4/11/2006
Chloromethane	ND	0.01		mg/L	1	4/11/2006
1,1-Dichloroethane	0.072	0.005		mg/L	1	4/11/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/11/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
cis-1,2-Dichloroethene	0.0057	0.005		mg/L	1	4/11/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/11/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/11/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/11/2006
Ethylbenzene	ND	0.005		mg/L	1	4/11/2006
2-Hexanone	ND	0.01		mg/L	1	4/11/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/11/2006
Methylene chloride	ND	0.005		mg/L	1	4/11/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/11/2006
Styrene	ND	0.005		mg/L	1	4/11/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/11/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/11/2006
Toluene	ND	0.005		mg/L	1	4/11/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/11/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/11/2006
Trichloroethene	ND	0.005		mg/L	1	4/11/2006
Vinyl chloride	0.0025	0.002		mg/L	1	4/11/2006
Xylenes, Total	ND	0.015		mg/L	1	4/11/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040084  
**Project:** 1894JC0-03, Sanitary District, Downers Grove  
**Lab ID:** 06040084-010

**Client Sample ID:** Trip Blank  
**Collection Date:**  
**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/10/2006
Benzene	ND	0.005		mg/L	1	4/10/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/10/2006
Bromoform	ND	0.005		mg/L	1	4/10/2006
Bromomethane	ND	0.01		mg/L	1	4/10/2006
2-Butanone	ND	0.01		mg/L	1	4/10/2006
Carbon disulfide	ND	0.005		mg/L	1	4/10/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/10/2006
Chlorobenzene	ND	0.005		mg/L	1	4/10/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/10/2006
Chloroethane	ND	0.01		mg/L	1	4/10/2006
Chloroform	ND	0.005		mg/L	1	4/10/2006
Chloromethane	ND	0.01		mg/L	1	4/10/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/10/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/10/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/10/2006
Ethylbenzene	ND	0.005		mg/L	1	4/10/2006
2-Hexanone	ND	0.01		mg/L	1	4/10/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/10/2006
Methylene chloride	ND	0.005		mg/L	1	4/10/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/10/2006
Styrene	ND	0.005		mg/L	1	4/10/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/10/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/10/2006
Toluene	ND	0.005		mg/L	1	4/10/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/10/2006
Trichloroethene	ND	0.005		mg/L	1	4/10/2006
Vinyl chloride	ND	0.002		mg/L	1	4/10/2006
Xylenes, Total	ND	0.015		mg/L	1	4/10/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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AIHA, NVLAP and NELAP accredited

**CHAIN OF CUSTODY RECORD**

Nº: 812805 Page: 1 of

Client Sample Number/Description:				P.O. No.:	Chain of Custody Record									
QC Level:	1	2	3	4	e-mail:	Chavez@watertech.com	Date Taken	Time Taken	Matrix	Comp.	Presrv.	No. of Containers	Remarks	Lab No.:
DF-4	4	1	1	1	1	1	5/1/00	1340	SLG	X	AF	4	X	001
DF-4	4	1	1	1	1	1	5/1/00	1245	SLG	X	AF	4	X	002
DF-4	4	1	1	1	1	1	5/1/00	1130	SLG	X	AF	4	X	003
DF-5	5	1	1	1	1	1	5/1/00	1325	SLG	X	AF	2	X	004
DF-1 (P)	1	1	1	1	1	1	5/1/00	1130	SLG	X	AF	2	X	005
DF-1 (I)	1	1	1	1	1	1	5/1/00	1130	SLG	X	AF	2	X	006
DF-4	4	1	1	1	1	1	5/1/00	1340	SLG	X	AF	2	X	007
DF-2	2	1	1	1	1	1	5/1/00	1340	SLG	X	AF	2	X	008
DF-3	3	1	1	1	1	1	5/1/00	1340	SLG	X	AF	2	X	009
Turn Around: <u>Normal</u>														Results Needed: / atm/pin
Comments: <u>1502</u>														Lab No.:
Received by: (Signature) <u>J. Chavez</u>														Laboratory Work Order No.: <u>00040084</u>
Date/Time: <u>5/10/00 10:10</u>														Date/Time: <u>5/10/00 10:10</u>
Received by: (Signature) <u>J. Chavez</u>														Date/Time: <u>5/10/00 10:10</u>
Relinquished by: (Signature) <u>J. Chavez</u>														Date/Time: <u>5/10/00 10:10</u>
Received by: (Signature) <u>J. Chavez</u>														Date/Time: <u>5/10/00 10:10</u>
Relinquished by: (Signature) <u>J. Chavez</u>														Date/Time: <u>5/10/00 10:10</u>
Received by: (Signature) <u>J. Chavez</u>														Date/Time: <u>5/10/00 10:10</u>
Preservation Code: A = None    B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl    F = 5035/EnCore    G = Other														Temperature: <u>5 °C</u>
Received by: (Signature) <u>J. Chavez</u>														Received on ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

# STAT Analysis Corporation

## Sample Receipt Checklist

Client Name WEAVER BOOS

Date and Time Received:

4/5/2006

Work Order Number 06040084

Received by: CC

Checklist completed by:

*Jesun Cat*  
Signature

4/5/06  
Date

Reviewed by: *an*  
Initials

4/12/2006  
Date

Matrix

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature 5 °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by:
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments: *Trip Blank was submitted and not listed on COC.*

Client / Person contacted:

Date contacted:

Contacted by:

Response:

# **STAT** Analysis Corporation

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*Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0*

April 12, 2006

Weaver Boos  
70 W. Madison, Suite 4250  
Chicago, IL 60602  
Telephone: (877) 654-5241  
Fax: (312) 922-0201

RE: 1894300-03, Sanitary District, Downers Grove

STAT Project No: 06040116

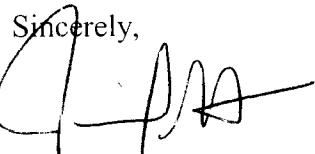
Dear Carl Dawes:

STAT Analysis received 4 samples for the referenced project on 4/6/2006. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,  


Jennifer Hass  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

---

**Client:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab Order:** 06040116

---

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
06040116-001A	WBW-1 (19-21')		4/6/2006 10:40:00 AM	4/6/2006
06040116-001B	WBW-1 (19-21')		4/6/2006 10:40:00 AM	4/6/2006
06040116-002A	WBW-1 (23-25')		4/6/2006 10:45:00 AM	4/6/2006
06040116-002B	WBW-1 (23-25')		4/6/2006 10:45:00 AM	4/6/2006
06040116-003A	WBW-1 (45-47')		4/6/2006 12:55:00 PM	4/6/2006
06040116-003B	WBW-1 (45-47')		4/6/2006 12:55:00 PM	4/6/2006
06040116-004A	WBW-1		4/6/2006 11:45:00 AM	4/6/2006

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**CLIENT:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab Order:** 06040116

---

**CASE NARRATIVE**

Due to high sediment content, the aqueous phase from sample WBW-1 (06040116-004) was decanted prior to analysis for VOCs.

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2006

Date Printed: April 12, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBW-1 (19-21')  
**Lab Order:** 06040116      **Collection Date:** 4/6/2006 10:40:00 AM  
**Project:** 1894300-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040116-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>4/8/2006</b>	Analyst: <b>PS</b>
Acetone	ND	0.075	mg/Kg-dry	1	4/12/2006
Benzene	ND	0.0075	mg/Kg-dry	1	4/12/2006
Bromodichloromethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
Bromoform	ND	0.0075	mg/Kg-dry	1	4/12/2006
Bromomethane	ND	0.015	mg/Kg-dry	1	4/12/2006
2-Butanone	ND	0.015	mg/Kg-dry	1	4/12/2006
Carbon disulfide	ND	0.0075	mg/Kg-dry	1	4/12/2006
Carbon tetrachloride	ND	0.0075	mg/Kg-dry	1	4/12/2006
Chlorobenzene	ND	0.0075	mg/Kg-dry	1	4/12/2006
Dibromochloromethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
Chloroethane	ND	0.015	mg/Kg-dry	1	4/12/2006
Chloroform	ND	0.0075	mg/Kg-dry	1	4/12/2006
Chloromethane	ND	0.015	mg/Kg-dry	1	4/12/2006
1,1-Dichloroethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
1,2-Dichloroethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
1,1-Dichloroethene	ND	0.0075	mg/Kg-dry	1	4/12/2006
cis-1,2-Dichloroethene	ND	0.0075	mg/Kg-dry	1	4/12/2006
trans-1,2-Dichloroethene	ND	0.0075	mg/Kg-dry	1	4/12/2006
1,2-Dichloropropane	ND	0.0075	mg/Kg-dry	1	4/12/2006
cis-1,3-Dichloropropene	ND	0.0075	mg/Kg-dry	1	4/12/2006
trans-1,3-Dichloropropene	ND	0.0075	mg/Kg-dry	1	4/12/2006
Ethylbenzene	ND	0.0075	mg/Kg-dry	1	4/12/2006
2-Hexanone	ND	0.015	mg/Kg-dry	1	4/12/2006
4-Methyl-2-pentanone	ND	0.015	mg/Kg-dry	1	4/12/2006
Methylene chloride	ND	0.015	mg/Kg-dry	1	4/12/2006
Methyl tert-butyl ether	ND	0.0075	mg/Kg-dry	1	4/12/2006
Styrene	ND	0.0075	mg/Kg-dry	1	4/12/2006
1,1,2,2-Tetrachloroethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
Tetrachloroethene	ND	0.0075	mg/Kg-dry	1	4/12/2006
Toluene	0.01	0.0075	mg/Kg-dry	1	4/12/2006
1,1,1-Trichloroethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
1,1,2-Trichloroethane	ND	0.0075	mg/Kg-dry	1	4/12/2006
Trichloroethene	ND	0.0075	mg/Kg-dry	1	4/12/2006
Vinyl chloride	ND	0.0075	mg/Kg-dry	1	4/12/2006
Xylenes, Total	ND	0.023	mg/Kg-dry	1	4/12/2006

<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>4/11/2006</b>	Analyst: <b>ICD</b>
Percent Moisture	25.7	0.01	*	wt% 1

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2006

Date Printed: April 12, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBW-1 (23-25')  
**Lab Order:** 06040116      **Collection Date:** 4/6/2006 10:45:00 AM  
**Project:** 1894300-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040116-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/8/2006</b>		Analyst: <b>PS</b>
Acetone	ND	0.069		mg/Kg-dry	1	4/12/2006
Benzene	ND	0.0069		mg/Kg-dry	1	4/12/2006
Bromodichloromethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
Bromoform	ND	0.0069		mg/Kg-dry	1	4/12/2006
Bromomethane	ND	0.014		mg/Kg-dry	1	4/12/2006
2-Butanone	ND	0.014		mg/Kg-dry	1	4/12/2006
Carbon disulfide	ND	0.0069		mg/Kg-dry	1	4/12/2006
Carbon tetrachloride	ND	0.0069		mg/Kg-dry	1	4/12/2006
Chlorobenzene	ND	0.0069		mg/Kg-dry	1	4/12/2006
Dibromochloromethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
Chloroethane	ND	0.014		mg/Kg-dry	1	4/12/2006
Chloroform	ND	0.0069		mg/Kg-dry	1	4/12/2006
Chloromethane	ND	0.014		mg/Kg-dry	1	4/12/2006
1,1-Dichloroethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
1,2-Dichloroethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
1,1-Dichloroethene	ND	0.0069		mg/Kg-dry	1	4/12/2006
cis-1,2-Dichloroethene	ND	0.0069		mg/Kg-dry	1	4/12/2006
trans-1,2-Dichloroethene	ND	0.0069		mg/Kg-dry	1	4/12/2006
1,2-Dichloropropane	ND	0.0069		mg/Kg-dry	1	4/12/2006
cis-1,3-Dichloropropene	ND	0.0069		mg/Kg-dry	1	4/12/2006
trans-1,3-Dichloropropene	ND	0.0069		mg/Kg-dry	1	4/12/2006
Ethylbenzene	ND	0.0069		mg/Kg-dry	1	4/12/2006
2-Hexanone	ND	0.014		mg/Kg-dry	1	4/12/2006
4-Methyl-2-pentanone	ND	0.014		mg/Kg-dry	1	4/12/2006
Methylene chloride	ND	0.014		mg/Kg-dry	1	4/12/2006
Methyl tert-butyl ether	ND	0.0069		mg/Kg-dry	1	4/12/2006
Styrene	ND	0.0069		mg/Kg-dry	1	4/12/2006
1,1,2,2-Tetrachloroethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
Tetrachloroethene	ND	0.0069		mg/Kg-dry	1	4/12/2006
Toluene	ND	0.0069		mg/Kg-dry	1	4/12/2006
1,1,1-Trichloroethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
1,1,2-Trichloroethane	ND	0.0069		mg/Kg-dry	1	4/12/2006
Trichloroethene	ND	0.0069		mg/Kg-dry	1	4/12/2006
Vinyl chloride	ND	0.0069		mg/Kg-dry	1	4/12/2006
Xylenes, Total	ND	0.02		mg/Kg-dry	1	4/12/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/11/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		15.5	0.01	*	wt%	4/12/2006

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2006

Date Printed: April 12, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBW-1 (45-47')  
**Lab Order:** 06040116      **Collection Date:** 4/6/2006 12:55:00 PM  
**Project:** 1894300-03, Sanitary District, Downers Grove      **Matrix:** Soil  
**Lab ID:** 06040116-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>4/8/2006</b>	Analyst: <b>PS</b>
Acetone	ND	0.052	mg/Kg-dry	1	4/12/2006
Benzene	ND	0.0052	mg/Kg-dry	1	4/12/2006
Bromodichloromethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
Bromoform	ND	0.0052	mg/Kg-dry	1	4/12/2006
Bromomethane	ND	0.01	mg/Kg-dry	1	4/12/2006
2-Butanone	ND	0.01	mg/Kg-dry	1	4/12/2006
Carbon disulfide	ND	0.0052	mg/Kg-dry	1	4/12/2006
Carbon tetrachloride	ND	0.0052	mg/Kg-dry	1	4/12/2006
Chlorobenzene	ND	0.0052	mg/Kg-dry	1	4/12/2006
Dibromochloromethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
Chloroethane	ND	0.01	mg/Kg-dry	1	4/12/2006
Chloroform	ND	0.0052	mg/Kg-dry	1	4/12/2006
Chloromethane	ND	0.01	mg/Kg-dry	1	4/12/2006
1,1-Dichloroethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
1,2-Dichloroethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
1,1-Dichloroethene	ND	0.0052	mg/Kg-dry	1	4/12/2006
cis-1,2-Dichloroethene	ND	0.0052	mg/Kg-dry	1	4/12/2006
trans-1,2-Dichloroethene	ND	0.0052	mg/Kg-dry	1	4/12/2006
1,2-Dichloropropane	ND	0.0052	mg/Kg-dry	1	4/12/2006
cis-1,3-Dichloropropene	ND	0.0052	mg/Kg-dry	1	4/12/2006
trans-1,3-Dichloropropene	ND	0.0052	mg/Kg-dry	1	4/12/2006
Ethylbenzene	ND	0.0052	mg/Kg-dry	1	4/12/2006
2-Hexanone	ND	0.01	mg/Kg-dry	1	4/12/2006
4-Methyl-2-pentanone	ND	0.01	mg/Kg-dry	1	4/12/2006
Methylene chloride	ND	0.01	mg/Kg-dry	1	4/12/2006
Methyl tert-butyl ether	ND	0.0052	mg/Kg-dry	1	4/12/2006
Styrene	ND	0.0052	mg/Kg-dry	1	4/12/2006
1,1,2,2-Tetrachloroethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
Tetrachloroethene	ND	0.0052	mg/Kg-dry	1	4/12/2006
Toluene	ND	0.0052	mg/Kg-dry	1	4/12/2006
1,1,1-Trichloroethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
1,1,2-Trichloroethane	ND	0.0052	mg/Kg-dry	1	4/12/2006
Trichloroethene	ND	0.0052	mg/Kg-dry	1	4/12/2006
Vinyl chloride	ND	0.0052	mg/Kg-dry	1	4/12/2006
Xylenes, Total	ND	0.016	mg/Kg-dry	1	4/12/2006

<b>Percent Moisture</b>	<b>D2974</b>	Prep Date: <b>4/11/2006</b>	Analyst: <b>ICD</b>
Percent Moisture	17.1	0.01	*      wt%      1

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 12, 2006**Date Printed:** April 12, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040116  
**Project:** 1894300-03, Sanitary District, Downers Grove  
**Lab ID:** 06040116-004

**Client Sample ID:** WBW-1**Collection Date:** 4/6/2006 11:45:00 AM**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		<b>Analyst: PS</b>
Acetone	ND	0.01		mg/L	1	4/11/2006
Benzene	ND	0.005		mg/L	1	4/11/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/11/2006
Bromoform	ND	0.005		mg/L	1	4/11/2006
Bromomethane	ND	0.01		mg/L	1	4/11/2006
2-Butanone	ND	0.01		mg/L	1	4/11/2006
Carbon disulfide	ND	0.005		mg/L	1	4/11/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/11/2006
Chlorobenzene	ND	0.005		mg/L	1	4/11/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/11/2006
Chloroethane	ND	0.01		mg/L	1	4/11/2006
Chloroform	ND	0.005		mg/L	1	4/11/2006
Chloromethane	ND	0.01		mg/L	1	4/11/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/11/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/11/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/11/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/11/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/11/2006
Ethylbenzene	ND	0.005		mg/L	1	4/11/2006
2-Hexanone	ND	0.01		mg/L	1	4/11/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/11/2006
Methylene chloride	ND	0.005		mg/L	1	4/11/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/11/2006
Styrene	ND	0.005		mg/L	1	4/11/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/11/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/11/2006
Toluene	ND	0.005		mg/L	1	4/11/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/11/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/11/2006
Trichloroethene	ND	0.005		mg/L	1	4/11/2006
Vinyl chloride	ND	0.002		mg/L	1	4/11/2006
Xylenes, Total	ND	0.015		mg/L	1	4/11/2006

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**  
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e-mail address: STATinfo@STATanalysis.com

CHAIN OF CUSTODY RECORD												Nº: 812728 Page: 1 of 1		
Company: <u>WALKER BEAN Contractors</u>	P.O. No.:											Turn Around:	NOMAL	
Project Number: <u>1894 JCO -CS</u>	Client Tracking No.:											Results Needed:	/ / am/pm	
Project Name: <u>Military District</u>	Quote No.:											Lab No.:	/ /	
Project Location: <u>State of Texas, Dallas</u>												Remarks		
Sampler(s): <u>Jim Kuehmann</u>														
Report To: <u>Civil Dams</u>	Phone: <u>(512) 454-4545</u>													
Associate Office	Fax: <u></u>													
QC Level: 1 2 3 4	e-mail: <u>dwilcox@walkerbean.com</u>													
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Presrv.	No. of Containers							
WBSU-1 (19-21)	1/10/02	1040	JCI	X	X	X	4							
WBSU-1 (21-25)	1/10/02	1045	JCI	X	X	X	4							
WBSU-1 (25-16)	1/10/02	1255	JCI	X	X	X	4							
WBSU-1	1/10/02	1145	QW	>	X		2							
												Relinquished by: (Signature) <u>Dale Hafner</u>	Date/Time: <u>1/10/02 3:45</u> Comments: <u></u>	
												Received by: (Signature) <u></u>	Date/Time: <u>1/10/02 1545</u>	
												Relinquished by: (Signature) <u></u>	Date/Time: <u></u>	
												Received by: (Signature) <u></u>	Date/Time: <u></u>	
												Relinquished by: (Signature) <u></u>	Date/Time: <u></u>	
												Received by: (Signature) <u></u>	Date/Time: <u></u>	
Preservation Code: A = None B = HNO <sub>3</sub> C = NaOH														Laboratory Work Order Nº: <u>00040116</u>
D = H <sub>2</sub> SO <sub>4</sub> E = HCl F = 5035/EnCore G = Other														Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
														Temperature: <u>On ice</u>

# STAT Analysis Corporation

## Sample Receipt Checklist

Client Name WEAVER BOOS

Date and Time Received:

4/6/2006

Work Order Number 06040116

Received by: JC

Checklist completed by:

*Jesus Carter*  
Signature | Date  
4/6/06

Reviewed by: *Jas*  
Initials

4/12/06  
Date

Matrix

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by: _____
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted? <input type="checkbox"/>

Any No response must be detailed in the comments section below.

Comments: *Headspace was present in Sample WBW-1 (1 and 2 of 2).*

Client / Person contacted:

Date contacted:

Contacted by:

Response:

# **STAT** Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

April 13, 2006

Weaver Boos  
70 W. Madison, Suite 4250  
Chicago, IL 60602  
Telephone: (877) 654-5241  
Fax: (312) 922-0201

RE: 1894300-03, Sanitary District, Downers Grove, IL

STAT Project No: 06040152

Dear Carl Dawes:

STAT Analysis received 3 samples for the referenced project on 4/7/2006. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,



Jennifer Hass  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

---

**Client:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove, IL  
**Lab Order:** 06040152

---

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
06040152-001A	WBW-2 (24-26')		4/7/2006 11:00:00 AM	4/7/2006
06040152-001B	WBW-2 (24-26')		4/7/2006 11:00:00 AM	4/7/2006
06040152-002A	WBW-2 (52-54')		4/7/2006 11:05:00 AM	4/7/2006
06040152-002B	WBW-2 (52-54')		4/7/2006 11:05:00 AM	4/7/2006
06040152-003A	WBW-2		4/7/2006 10:00:00 AM	4/7/2006

---

**CLIENT:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove, I  
**Lab Order:** 06040152

**CASE NARRATIVE**

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Due to high sediment content, the aqueous phase from sample WBW-2 (06040152-003) was decanted prior to analysis for VOCs.

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 13, 2006

Date Printed: April 13, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040152  
**Project:** 1894300-03, Sanitary District, Downers Grove, IL  
**Lab ID:** 06040152-001

**Client Sample ID:** WBW-2 (24-26')  
**Collection Date:** 4/7/2006 11:00:00 AM  
**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/10/2006</b>		Analyst: <b>PS</b>
Acetone	ND	0.049		mg/Kg-dry	1	4/12/2006
Benzene	ND	0.0049		mg/Kg-dry	1	4/12/2006
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
Bromoform	ND	0.0049		mg/Kg-dry	1	4/12/2006
Bromomethane	ND	0.0098		mg/Kg-dry	1	4/12/2006
2-Butanone	ND	0.0098		mg/Kg-dry	1	4/12/2006
Carbon disulfide	ND	0.0049		mg/Kg-dry	1	4/12/2006
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	4/12/2006
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	4/12/2006
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
Chloroethane	ND	0.0098		mg/Kg-dry	1	4/12/2006
Chloroform	ND	0.0049		mg/Kg-dry	1	4/12/2006
Chloromethane	ND	0.0098		mg/Kg-dry	1	4/12/2006
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	4/12/2006
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	4/12/2006
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	4/12/2006
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	4/12/2006
cis-1,3-Dichloropropene	ND	0.0049		mg/Kg-dry	1	4/12/2006
trans-1,3-Dichloropropene	ND	0.0049		mg/Kg-dry	1	4/12/2006
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	4/12/2006
2-Hexanone	ND	0.0098		mg/Kg-dry	1	4/12/2006
4-Methyl-2-pentanone	ND	0.0098		mg/Kg-dry	1	4/12/2006
Methylene chloride	ND	0.0098		mg/Kg-dry	1	4/12/2006
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	4/12/2006
Styrene	ND	0.0049		mg/Kg-dry	1	4/12/2006
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	4/12/2006
Toluene	ND	0.0049		mg/Kg-dry	1	4/12/2006
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	4/12/2006
Trichloroethene	ND	0.0049		mg/Kg-dry	1	4/12/2006
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	4/12/2006
Xylenes, Total	ND	0.015		mg/Kg-dry	1	4/12/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/12/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		16.4	0.01	*	wt%	4/13/2006

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
HT - Sample received past holding time  
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

**STAT Analysis Corporation**

2255 West Harrison St., Suite B, Chicago, IL 60612-3505

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: April 13, 2006

Date Printed: April 13, 2006

**Client:** Weaver Boos  
**Lab Order:** 06040152  
**Project:** 1894300-03, Sanitary District, Downers Grove, IL  
**Lab ID:** 06040152-002

**Client Sample ID:** WBW-2 (52-54')  
**Collection Date:** 4/7/2006 11:05:00 AM  
**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>4/10/2006</b>		Analyst: <b>PS</b>
Acetone	ND	0.057		mg/Kg-dry	1	4/12/2006
Benzene	ND	0.0057		mg/Kg-dry	1	4/12/2006
Bromodichloromethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
Bromoform	ND	0.0057		mg/Kg-dry	1	4/12/2006
Bromomethane	ND	0.011		mg/Kg-dry	1	4/12/2006
2-Butanone	ND	0.011		mg/Kg-dry	1	4/12/2006
Carbon disulfide	ND	0.0057		mg/Kg-dry	1	4/12/2006
Carbon tetrachloride	ND	0.0057		mg/Kg-dry	1	4/12/2006
Chlorobenzene	ND	0.0057		mg/Kg-dry	1	4/12/2006
Dibromochloromethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
Chloroethane	ND	0.011		mg/Kg-dry	1	4/12/2006
Chloroform	ND	0.0057		mg/Kg-dry	1	4/12/2006
Chloromethane	ND	0.011		mg/Kg-dry	1	4/12/2006
1,1-Dichloroethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
1,2-Dichloroethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
1,1-Dichloroethene	ND	0.0057		mg/Kg-dry	1	4/12/2006
cis-1,2-Dichloroethene	ND	0.0057		mg/Kg-dry	1	4/12/2006
trans-1,2-Dichloroethene	ND	0.0057		mg/Kg-dry	1	4/12/2006
1,2-Dichloropropane	ND	0.0057		mg/Kg-dry	1	4/12/2006
cis-1,3-Dichloropropene	ND	0.0057		mg/Kg-dry	1	4/12/2006
trans-1,3-Dichloropropene	ND	0.0057		mg/Kg-dry	1	4/12/2006
Ethylbenzene	ND	0.0057		mg/Kg-dry	1	4/12/2006
2-Hexanone	ND	0.011		mg/Kg-dry	1	4/12/2006
4-Methyl-2-pentanone	ND	0.011		mg/Kg-dry	1	4/12/2006
Methylene chloride	ND	0.011		mg/Kg-dry	1	4/12/2006
Methyl tert-butyl ether	ND	0.0057		mg/Kg-dry	1	4/12/2006
Styrene	ND	0.0057		mg/Kg-dry	1	4/12/2006
1,1,2,2-Tetrachloroethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
Tetrachloroethene	ND	0.0057		mg/Kg-dry	1	4/12/2006
Toluene	ND	0.0057		mg/Kg-dry	1	4/12/2006
1,1,1-Trichloroethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
1,1,2-Trichloroethane	ND	0.0057		mg/Kg-dry	1	4/12/2006
Trichloroethene	ND	0.0057		mg/Kg-dry	1	4/12/2006
Vinyl chloride	ND	0.0057		mg/Kg-dry	1	4/12/2006
Xylenes, Total	ND	0.017		mg/Kg-dry	1	4/12/2006
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>4/12/2006</b>		Analyst: <b>ICD</b>
Percent Moisture		12.4	0.01	*	wt%	4/13/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Date Reported:** April 13, 2006**Date Printed:** April 13, 2006

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	WBW-2
<b>Lab Order:</b>	06040152	<b>Collection Date:</b>	4/7/2006 10:00:00 AM
<b>Project:</b>	1894300-03, Sanitary District, Downers Grove, IL	<b>Matrix:</b>	Water
<b>Lab ID:</b>	06040152-003		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>PS</b>
Acetone	0.02	0.01		mg/L	1	4/11/2006
Benzene	ND	0.005		mg/L	1	4/11/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/11/2006
Bromoform	ND	0.005		mg/L	1	4/11/2006
Bromomethane	ND	0.01		mg/L	1	4/11/2006
2-Butanone	ND	0.01		mg/L	1	4/11/2006
Carbon disulfide	ND	0.005		mg/L	1	4/11/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/11/2006
Chlorobenzene	ND	0.005		mg/L	1	4/11/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/11/2006
Chloroethane	ND	0.01		mg/L	1	4/11/2006
Chloroform	ND	0.005		mg/L	1	4/11/2006
Chloromethane	ND	0.01		mg/L	1	4/11/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/11/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/11/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/11/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/11/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/11/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/11/2006
Ethylbenzene	ND	0.005		mg/L	1	4/11/2006
2-Hexanone	ND	0.01		mg/L	1	4/11/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/11/2006
Methylene chloride	ND	0.005		mg/L	1	4/11/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/11/2006
Styrene	ND	0.005		mg/L	1	4/11/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/11/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/11/2006
Toluene	ND	0.005		mg/L	1	4/11/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/11/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/11/2006
Trichloroethene	0.0057	0.005		mg/L	1	4/11/2006
Vinyl chloride	ND	0.002		mg/L	1	4/11/2006
Xylenes, Total	ND	0.015		mg/L	1	4/11/2006

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

## STAT Analysis Corporation

2255 W. Harrison Suite B, Chicago, Illinois 60612

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e-mail address: STATinfo@STATanalysis.com

AIHA, NVLAP and NELAP accredited

## CHAIN OF CUSTODY RECORD

Company: <u>Westech Toxic Control</u>		P.O. No.:		N.º: <u>812730</u> Page: <u>1</u> of <u>1</u>												
Project Number: <u>1894JCE-03</u>		Client Tracking No.:														
Project Name: <u>Industrial District</u>		Quote No.:														
Project Location: <u>Downtown St. Paul</u>																
Sampler(s): <u>Tina Kruhmann</u>		Phone: <u>(651) 717-4848</u>														
Report To: <u>Lori Deeks</u>		Fax: <u></u>														
<u>Marketing Office</u>		e-mail: <u>chris@westech-toxics.com</u>														
QC Level:	1	2	3	4	Date Taken	Time Taken	Matrix	Comp	Grub	Preserv.	No. of Containers	Remarks	Lab No.:	Results Needed:	Turn Around:	
WIRW - 2	(34-36')				10/06			X		AFC	4			/ / am/pm		Mail
WIRW - 2	(52-54')				10/05			X		AFC	4					
WIRW - 2					10/06			X		E	2					

**STAT Analysis Corporation****Sample Receipt Checklist**

Client Name WEAVER BOOS

Date and Time Received:

4/7/2006

Work Order Number 06040152

Received by: JC

Checklist completed by:



yhl06

Date

Reviewed by: jas

Initials

4/13/06  
Date

Matrix

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by:
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments: Headspace was present in sample WBW-2 (1mL of 2).

Client / Person contacted:

Carl Daves

Date contacted: 4/13/06

Contacted by: Jennifer Hass

Response:



# STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

April 20, 2006

Weaver Boos  
70 W. Madison, Suite 4250  
Chicago, IL 60602  
Telephone: (877) 654-5241  
Fax: (312) 922-0201

RE: 1894300-03, Sanitary District, Downers Grove, IL

STAT Project No: 06040389

Dear Carl Dawes:

STAT Analysis received 5 samples for the referenced project on 4/14/2006. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Chris Forst

Assistant Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

---

**Client:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove, IL  
**Lab Order:** 06040389

---

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
06040389-001A	WBW-1		4/13/2006 2:30:00 PM	4/14/2006
06040389-002A	WBW-2		4/13/2006 1:05:00 PM	4/14/2006
06040389-003A	BD-4 (I)		4/13/2006 3:45:00 PM	4/14/2006
06040389-004A	Equipment Blank		4/13/2006 6:10:00 PM	4/14/2006
06040389-005A	Trip Blank			4/14/2006

---

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: April 20, 2006

Print Date: April 20, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBW-1**Lab Order:** 06040389**Tag Number:****Project:** 1894300-03, Sanitary District, Downers Grove, IL**Collection Date:** 4/13/2006 2:30:00 PM**Lab ID:** 06040389-001A**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>GAW</b>
Acetone	ND	0.01		mg/L	1	4/20/2006
Benzene	ND	0.005		mg/L	1	4/20/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/20/2006
Bromoform	ND	0.005		mg/L	1	4/20/2006
Bromomethane	ND	0.01		mg/L	1	4/20/2006
2-Butanone	ND	0.01		mg/L	1	4/20/2006
Carbon disulfide	ND	0.005		mg/L	1	4/20/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/20/2006
Chlorobenzene	ND	0.005		mg/L	1	4/20/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/20/2006
Chloroethane	ND	0.01		mg/L	1	4/20/2006
Chloroform	ND	0.005		mg/L	1	4/20/2006
Chloromethane	ND	0.01		mg/L	1	4/20/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/20/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
Ethylbenzene	ND	0.005		mg/L	1	4/20/2006
2-Hexanone	ND	0.01		mg/L	1	4/20/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/20/2006
Methylene chloride	ND	0.005		mg/L	1	4/20/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/20/2006
Styrene	ND	0.005		mg/L	1	4/20/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/20/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/20/2006
Toluene	ND	0.005		mg/L	1	4/20/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
Trichloroethene	ND	0.005		mg/L	1	4/20/2006
Vinyl chloride	ND	0.002		mg/L	1	4/20/2006
Xylenes, Total	ND	0.015		mg/L	1	4/20/2006

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: April 20, 2006

Print Date: April 20, 2006

**Client:** Weaver Boos      **Client Sample ID:** WBW-2**Lab Order:** 06040389**Tag Number:****Project:** 1894300-03, Sanitary District, Downers Grove, IL**Collection Date:** 4/13/2006 1:05:00 PM**Lab ID:** 06040389-002A**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>GAW</b>
Acetone	ND	0.01		mg/L	1	4/20/2006
Benzene	ND	0.005		mg/L	1	4/20/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/20/2006
Bromoform	ND	0.005		mg/L	1	4/20/2006
Bromomethane	ND	0.01		mg/L	1	4/20/2006
2-Butanone	ND	0.01		mg/L	1	4/20/2006
Carbon disulfide	ND	0.005		mg/L	1	4/20/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/20/2006
Chlorobenzene	ND	0.005		mg/L	1	4/20/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/20/2006
Chloroethane	ND	0.01		mg/L	1	4/20/2006
Chloroform	ND	0.005		mg/L	1	4/20/2006
Chloromethane	ND	0.01		mg/L	1	4/20/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/20/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
Ethylbenzene	ND	0.005		mg/L	1	4/20/2006
2-Hexanone	ND	0.01		mg/L	1	4/20/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/20/2006
Methylene chloride	ND	0.005		mg/L	1	4/20/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/20/2006
Styrene	ND	0.005		mg/L	1	4/20/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/20/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/20/2006
Toluene	ND	0.005		mg/L	1	4/20/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
Trichloroethene	ND	0.005		mg/L	1	4/20/2006
Vinyl chloride	ND	0.002		mg/L	1	4/20/2006
Xylenes, Total	ND	0.015		mg/L	1	4/20/2006

**Qualifiers:** ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2255 West Harrison St., Suite B, Chicago, IL 60612-3505

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Report Date:** April 20, 2006**Print Date:** April 20, 2006**Client:** Weaver Boos**Client Sample ID:** BD-4 (I)**Lab Order:** 06040389**Tag Number:****Project:** 1894300-03, Sanitary District, Downers Grove, IL**Collection Date:** 4/13/2006 3:45:00 PM**Lab ID:** 06040389-003A**Matrix:** Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>GAW</b>
Acetone	ND	0.01		mg/L	1	4/20/2006
Benzene	ND	0.005		mg/L	1	4/20/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/20/2006
Bromoform	ND	0.005		mg/L	1	4/20/2006
Bromomethane	ND	0.01		mg/L	1	4/20/2006
2-Butanone	ND	0.01		mg/L	1	4/20/2006
Carbon disulfide	ND	0.005		mg/L	1	4/20/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/20/2006
Chlorobenzene	ND	0.005		mg/L	1	4/20/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/20/2006
Chloroethane	ND	0.01		mg/L	1	4/20/2006
Chloroform	ND	0.005		mg/L	1	4/20/2006
Chloromethane	ND	0.01		mg/L	1	4/20/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/20/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
Ethylbenzene	ND	0.005		mg/L	1	4/20/2006
2-Hexanone	ND	0.01		mg/L	1	4/20/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/20/2006
Methylene chloride	ND	0.005		mg/L	1	4/20/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/20/2006
Styrene	ND	0.005		mg/L	1	4/20/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/20/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/20/2006
Toluene	ND	0.005		mg/L	1	4/20/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
Trichloroethene	ND	0.005		mg/L	1	4/20/2006
Vinyl chloride	ND	0.002		mg/L	1	4/20/2006
Xylenes, Total	ND	0.015		mg/L	1	4/20/2006

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

**Report Date:** April 20, 2006**Print Date:** April 20, 2006

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	Equipment Blank
<b>Lab Order:</b>	06040389	<b>Tag Number:</b>	
<b>Project:</b>	1894300-03, Sanitary District, Downers Grove, IL	<b>Collection Date:</b>	4/13/2006 6:10:00 PM
<b>Lab ID:</b>	06040389-004A	<b>Matrix:</b>	Water

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>GAW</b>
Acetone	ND	0.01		mg/L	1	4/19/2006
Benzene	ND	0.005		mg/L	1	4/19/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/19/2006
Bromoform	ND	0.005		mg/L	1	4/19/2006
Bromomethane	ND	0.01		mg/L	1	4/19/2006
2-Butanone	ND	0.01		mg/L	1	4/19/2006
Carbon disulfide	ND	0.005		mg/L	1	4/19/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/19/2006
Chlorobenzene	ND	0.005		mg/L	1	4/19/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/19/2006
Chloroethane	ND	0.01		mg/L	1	4/19/2006
Chloroform	ND	0.005		mg/L	1	4/19/2006
Chloromethane	ND	0.01		mg/L	1	4/19/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/19/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/19/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/19/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/19/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/19/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/19/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/19/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/19/2006
Ethylbenzene	ND	0.005		mg/L	1	4/19/2006
2-Hexanone	ND	0.01		mg/L	1	4/19/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/19/2006
Methylene chloride	ND	0.005		mg/L	1	4/19/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/19/2006
Styrene	ND	0.005		mg/L	1	4/19/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/19/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/19/2006
Toluene	ND	0.005		mg/L	1	4/19/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/19/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/19/2006
Trichloroethene	ND	0.005		mg/L	1	4/19/2006
Vinyl chloride	ND	0.002		mg/L	1	4/19/2006
Xylenes, Total	ND	0.015		mg/L	1	4/19/2006

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: April 20, 2006

Print Date: April 20, 2006

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	Trip Blank
<b>Lab Order:</b>	06040389	<b>Tag Number:</b>	
<b>Project:</b>	1894300-03, Sanitary District, Downers Grove, IL	<b>Collection Date:</b>	
<b>Lab ID:</b>	06040389-005A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>GAW</b>
Acetone	ND	0.01		mg/L	1	4/20/2006
Benzene	ND	0.005		mg/L	1	4/20/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/20/2006
Bromoform	ND	0.005		mg/L	1	4/20/2006
Bromomethane	ND	0.01		mg/L	1	4/20/2006
2-Butanone	ND	0.01		mg/L	1	4/20/2006
Carbon disulfide	ND	0.005		mg/L	1	4/20/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/20/2006
Chlorobenzene	ND	0.005		mg/L	1	4/20/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/20/2006
Chloroethane	ND	0.01		mg/L	1	4/20/2006
Chloroform	ND	0.005		mg/L	1	4/20/2006
Chloromethane	ND	0.01		mg/L	1	4/20/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/20/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/20/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/20/2006
Ethylbenzene	ND	0.005		mg/L	1	4/20/2006
2-Hexanone	ND	0.01		mg/L	1	4/20/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/20/2006
Methylene chloride	ND	0.005		mg/L	1	4/20/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/20/2006
Styrene	ND	0.005		mg/L	1	4/20/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/20/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/20/2006
Toluene	ND	0.005		mg/L	1	4/20/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/20/2006
Trichloroethene	ND	0.005		mg/L	1	4/20/2006
Vinyl chloride	ND	0.002		mg/L	1	4/20/2006
Xylenes, Total	ND	0.015		mg/L	1	4/20/2006

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
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- HT - Sample received past holding time
- \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**CHAIN OF CUSTODY RECORD**

Company: <u>Waver 300 Consultants</u>		P.O. No.: <u></u>		N. #: <u>812172</u>		Page: <u>1</u> of <u>1</u>		
Project Number: <u>1894300-03</u>		Client Tracking No.: <u></u>		Quote No.: <u></u>		Turn Around: <u>W/W</u>		
Project Name: <u>Sanitary District</u>		Project Location: <u>Diamond Grove, Illinois</u>		Results Needed: <u></u>		Lab No.: <u></u>		
Sampler(s): <u>Terry Kauffmann / John Walker</u>		Phone: <u>(312) 717-4848</u>		Remarks: <u></u>		am/pm: <u>/ /</u>		
Report To: <u>Carl Vallee</u>		Fax: <u></u>		Date Taken: <u>10/10/03</u>		Date Received: <u>10/10/03</u>		
QC Level: <u>1</u>		3		4		e-mail: <u>tcvallee@weberstate.edu</u>		
Client Sample Number/Description:		Date Taken	Time Taken	Matrix	Comp.	Grab	No. of Containers	
WTW - 1	1/10/04	14:30	AM	GW	X	C	2	
WTW - 2	1/10/04	15:05	PM	GW	X	C	2	
BD - 4 (T)	1/10/04	15:45	PM	GW	X	C	2	
Blank	1/10/04	16:10	PM	GW	X	C	2	
Trip blank								
Trip blank								
Reinquished by: (Signature) <u>John Walker</u>	Date/Time: <u>10/10/03 14:45</u>	Comments: <u></u>	Laboratory Work Order No.: <u>00040389</u>					
Received by: (Signature) <u>C. Vallee</u>	Date/Time: <u>10/10/03 15:45</u>		Received on ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Relinquished by: (Signature) <u></u>	Date/Time: <u></u>							
Received by: (Signature) <u></u>	Date/Time: <u></u>							
Relinquished by: (Signature) <u></u>	Date/Time: <u></u>							
Received by: (Signature) <u></u>	Date/Time: <u></u>							
Preservation Code: A = None B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl F = 5035/EnCore G = Other								Temperature: <u>On the</u> °C
Reinquished by: (Signature) <u></u>	Date/Time: <u></u>							
Received by: (Signature) <u></u>	Date/Time: <u></u>							
Relinquished by: (Signature) <u></u>	Date/Time: <u></u>							
Received by: (Signature) <u></u>	Date/Time: <u></u>							
Relinquished by: (Signature) <u></u>	Date/Time: <u></u>							
Received by: (Signature) <u></u>	Date/Time: <u></u>							

**STAT Analysis Corporation****Sample Receipt Checklist**

Client Name WEAVER BOOS

Date and Time Received:

4/14/2006

Work Order Number 06040389

Received by: JC

Checklist completed by:

4/14/06

Date

Reviewed by:

Initials

4/17/06

Date

Matrix

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by:
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments: Headspace was present in Sample WBW-1 (1/2).

Client / Person contacted:

Date contacted:

Contacted by:

Response:

FOR SAMPLE WBW-1, VIAL WITHOUT HEADSPACE WAS USED FOR ANALYSIS.

# **STAT** Analysis Corporation

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April 21, 2006

Weaver Boos  
70 W. Madison, Suite 4250  
Chicago, IL 60602  
Telephone: (630) 717-4848  
Fax: (630) 717-4850

RE: 1894300-03, Sanitary District, Downers Grove, IL

STAT Project No: 06040436

Dear Carl Dawes:

STAT Analysis received 2 samples for the referenced project on 4/17/2006. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,



Chris Forst

Assistant Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

---

**Client:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove, IL  
**Lab Order:** 06040436

**Work Order Sample Summary**

---

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
06040436-001A	BD-4 (0)		4/17/2006 5:00:00 PM	4/17/2006
06040436-002A	EB-2		4/17/2006 4:45:00 PM	4/17/2006

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**CLIENT:** Weaver Boos  
**Project:** 1894300-03, Sanitary District, Downers Grove,  
**Lab Order:** 06040436

---

**CASE NARRATIVE**

In VOC water LCS/LCSD analyzed 04/20/06 (VOA-1\_060420B), 1,1-Dichloroethene had RPD greater than 20%.

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: April 21, 2006

Print Date: April 21, 2006

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	BD-4 (0)
<b>Lab Order:</b>	06040436	<b>Tag Number:</b>	
<b>Project:</b>	1894300-03, Sanitary District, Downers Grove, IL	<b>Collection Date:</b>	4/17/2006 5:00:00 PM
<b>Lab ID:</b>	06040436-001A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/21/2006
Benzene	ND	0.005		mg/L	1	4/21/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/21/2006
Bromoform	ND	0.005		mg/L	1	4/21/2006
Bromomethane	ND	0.01		mg/L	1	4/21/2006
2-Butanone	ND	0.01		mg/L	1	4/21/2006
Carbon disulfide	ND	0.005		mg/L	1	4/21/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/21/2006
Chlorobenzene	ND	0.005		mg/L	1	4/21/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/21/2006
Chloroethane	ND	0.01		mg/L	1	4/21/2006
Chloroform	ND	0.005		mg/L	1	4/21/2006
Chloromethane	ND	0.01		mg/L	1	4/21/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/21/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/21/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/21/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/21/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/21/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/21/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/21/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/21/2006
Ethylbenzene	ND	0.005		mg/L	1	4/21/2006
2-Hexanone	ND	0.01		mg/L	1	4/21/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/21/2006
Methylene chloride	ND	0.005		mg/L	1	4/21/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/21/2006
Styrene	ND	0.005		mg/L	1	4/21/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/21/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/21/2006
Toluene	ND	0.005		mg/L	1	4/21/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/21/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/21/2006
Trichloroethene	ND	0.005		mg/L	1	4/21/2006
Vinyl chloride	ND	0.002		mg/L	1	4/21/2006
Xylenes, Total	ND	0.015		mg/L	1	4/21/2006

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
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H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: April 21, 2006

Print Date: April 21, 2006

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	EB-2
<b>Lab Order:</b>	06040436	<b>Tag Number:</b>	
<b>Project:</b>	1894300-03, Sanitary District, Downers Grove, IL	<b>Collection Date:</b>	4/17/2006 4:45:00 PM
<b>Lab ID:</b>	06040436-002A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		Analyst: <b>PS</b>
Acetone	ND	0.01		mg/L	1	4/21/2006
Benzene	ND	0.005		mg/L	1	4/21/2006
Bromodichloromethane	ND	0.005		mg/L	1	4/21/2006
Bromoform	ND	0.005		mg/L	1	4/21/2006
Bromomethane	ND	0.01		mg/L	1	4/21/2006
2-Butanone	ND	0.01		mg/L	1	4/21/2006
Carbon disulfide	ND	0.005		mg/L	1	4/21/2006
Carbon tetrachloride	ND	0.005		mg/L	1	4/21/2006
Chlorobenzene	ND	0.005		mg/L	1	4/21/2006
Dibromochloromethane	ND	0.005		mg/L	1	4/21/2006
Chloroethane	ND	0.01		mg/L	1	4/21/2006
Chloroform	ND	0.005		mg/L	1	4/21/2006
Chloromethane	ND	0.01		mg/L	1	4/21/2006
1,1-Dichloroethane	ND	0.005		mg/L	1	4/21/2006
1,2-Dichloroethane	ND	0.005		mg/L	1	4/21/2006
1,1-Dichloroethene	ND	0.005		mg/L	1	4/21/2006
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/21/2006
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/21/2006
1,2-Dichloropropane	ND	0.005		mg/L	1	4/21/2006
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/21/2006
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/21/2006
Ethylbenzene	ND	0.005		mg/L	1	4/21/2006
2-Hexanone	ND	0.01		mg/L	1	4/21/2006
4-Methyl-2-pentanone	ND	0.01		mg/L	1	4/21/2006
Methylene chloride	ND	0.005		mg/L	1	4/21/2006
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/21/2006
Styrene	ND	0.005		mg/L	1	4/21/2006
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/21/2006
Tetrachloroethene	ND	0.005		mg/L	1	4/21/2006
Toluene	ND	0.005		mg/L	1	4/21/2006
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/21/2006
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/21/2006
Trichloroethene	ND	0.005		mg/L	1	4/21/2006
Vinyl chloride	ND	0.002		mg/L	1	4/21/2006
Xylenes, Total	ND	0.015		mg/L	1	4/21/2006

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
H - Holding time exceeded

**CHAIN OF CUSTODY RECORD**

**Nº:** 812806

**Page:** 1 of 1

Company: <b>Wacker Chemie</b>	P.O. No.:						
Project Number: <b>18943CO-03</b>	Client Tracking No.:						
Project Name: <b>Wacker Distinct</b>	Quote No.:						
Project Location: <b>Dowker Gravel, Duluth</b>	Results Needed:						
Sampler(s): <b>Tina Kaufman / Lynn Weare</b>	Lab No.:						
Report To: <b>Carl Dwyer</b>	/ / am/pm						
QC Level: 1      2      3      4	e-mail: <b>(danwic@wackerchem.com)</b>						
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grob	Preserv.	No. of Containers
<b>18943CO</b>	<b>4/17/06</b>	<b>1700</b>	<b>gw</b>	<b>X</b>	<b>G</b>	<b>E</b>	<b>2</b>
<b>CR-3</b>	<b>4/17/06</b>	<b>1645</b>	<b>gw</b>	<b>X</b>	<b>E</b>	<b>E</b>	<b>2</b>
<i>(Handwritten Remarks)</i>							
Relinquished by: (Signature) <i>Jean Tashiro</i>	Date/Time: <b>4/17/06 1750</b>	Comments: <b>4/17/06 1750</b>					
Received by: (Signature) <i>CG</i>	Date/Time: <b>4/17/06 1750</b>						
Relinquished by: (Signature)	Date/Time:						
Received by: (Signature)	Date/Time:						
Relinquished by: (Signature)	Date/Time:						
Received by: (Signature)	Date/Time:						
<b>Laboratory Work Order No.:</b> <b>000404350</b>							
<b>Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>							
<b>Temperature:</b> <b>On Ice</b>							
Preservation Code: A = None    B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl    F = 5035/EnCore    G = Other							

# STAT Analysis Corporation

## Sample Receipt Checklist

Client Name WEAVER BOOS

Date and Time Received:

4/17/2006

Work Order Number 06040436

Received by: JC

Checklist completed by:

  
Signature

4/17/06  
Date

Reviewed by:

  
Initials

4/18/06  
Date

Matrix

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Checked by:
Water - Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response: